# PARTS CATALOG

# Castle®

# 7538

## Floor Loading Washer

**MDT Biologic Company**
1777 East Henrietta Road
P.O. Box 23077
Rochester, New York 14692, U.S.A.

*Technology for Life*

**350055 Rev. B**

**PARTS CATALOG 350055 (8/13/86)**
**REV. A (1/28/88) General Revision**
**REV. B (12/30/91) General Revision**

## ORDERING

For ordering information concerning parts listed in this Catalog contact your MDT Product Support Representative or your nearest MDT Regional Office. Or, you may contact:

MDT CORPORATION
P.O. Box 23077
Rochester, New York 14692 U.S.A.
(716) 475-1400

NOTE ▶

All parts replaced under warranty shall be returned intact to MDT Corporation, P.O. Box 23077, Rochester, New York 14692, U.S.A.

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## NOTES

# SECTION 1. FINAL ASSEMBLY


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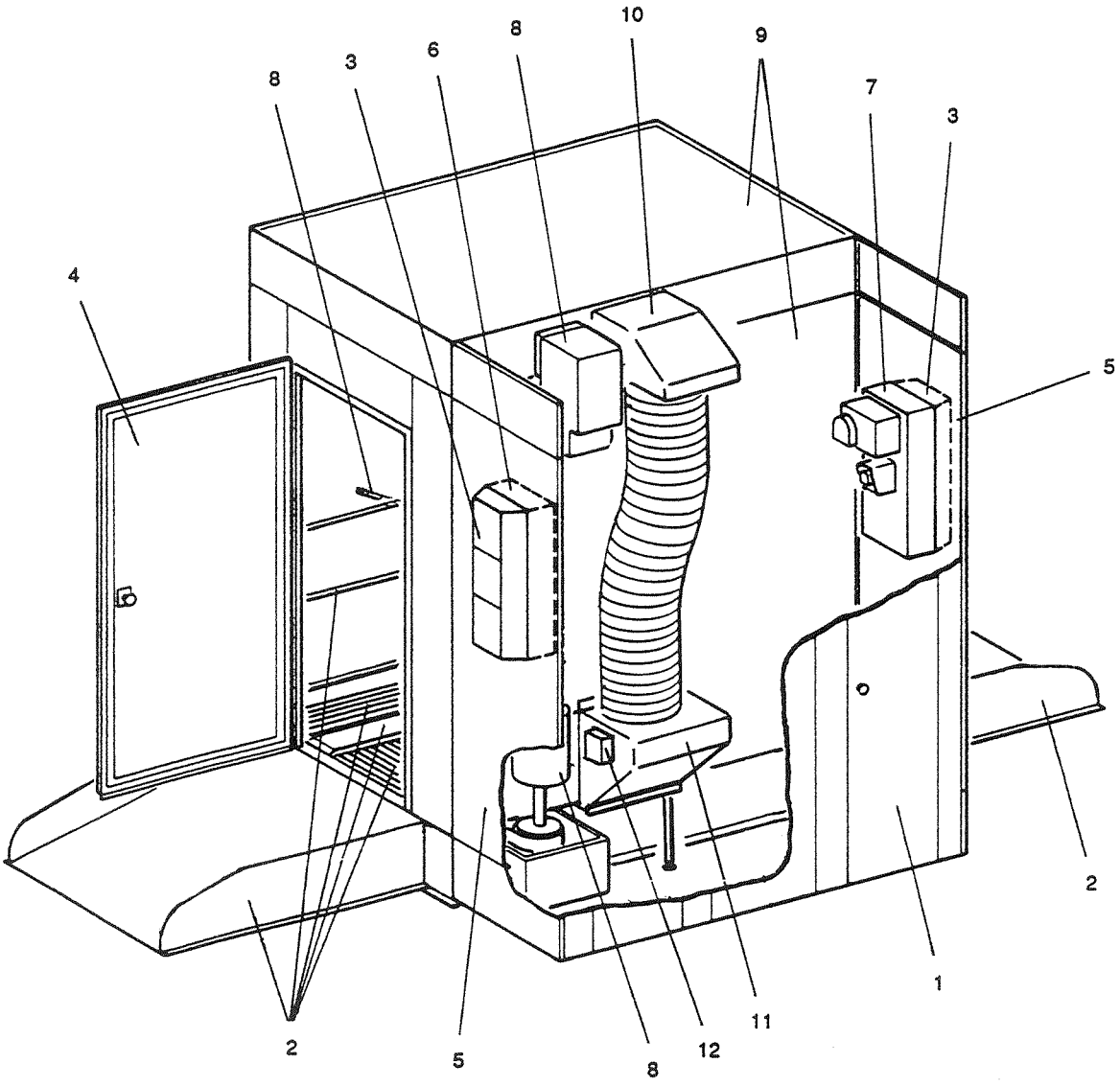
| 1–1 | Final Assembly . . . . . | 1–2 |




80" UNIT (Floor Mounted Shown)

Figure 1–1. Final Assembly

# Final Assembly – Refer to Figure 1–1

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | — | Cabinet Package<br>• See Figure 2–1 for listing of parts |
| 2 | — | Trim Package<br>• See Figure 2–2 for listing of parts |
| 3 | — | Control Head Assembly<br>• See Figure 3–1 for listing of parts |
| 4 | — | Door Package<br>• See Figure 4–1 for listing of parts |
| 5 | — | Control Package<br>• See Figure 5–1 for listing of parts |
| 6 | — | Control Box Assembly (Control End)<br>• See Figure 5–2 for listing of parts |
| 7 | — | Control Box Assembly (Remote End)<br>• See Figure 5–3 for listing of parts |
| 8 | — | Piping Components<br>• See Figure 6–1 through 6–5 for listing of parts |
| 9 | — | Body & Frame Components<br>• See Figure 7–1 for listing of parts |
| 10 | — | Fan Duct Package<br>• See Figure 7–2 for listing of parts |
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## NOTES

# SECTION 2. PANELS & CABINETS


| Figure | | Page |
|---|---|---|
| 2–1 | Cabinet Package | 2–2 |
| 2–2 | Trim Package | 2–4 |

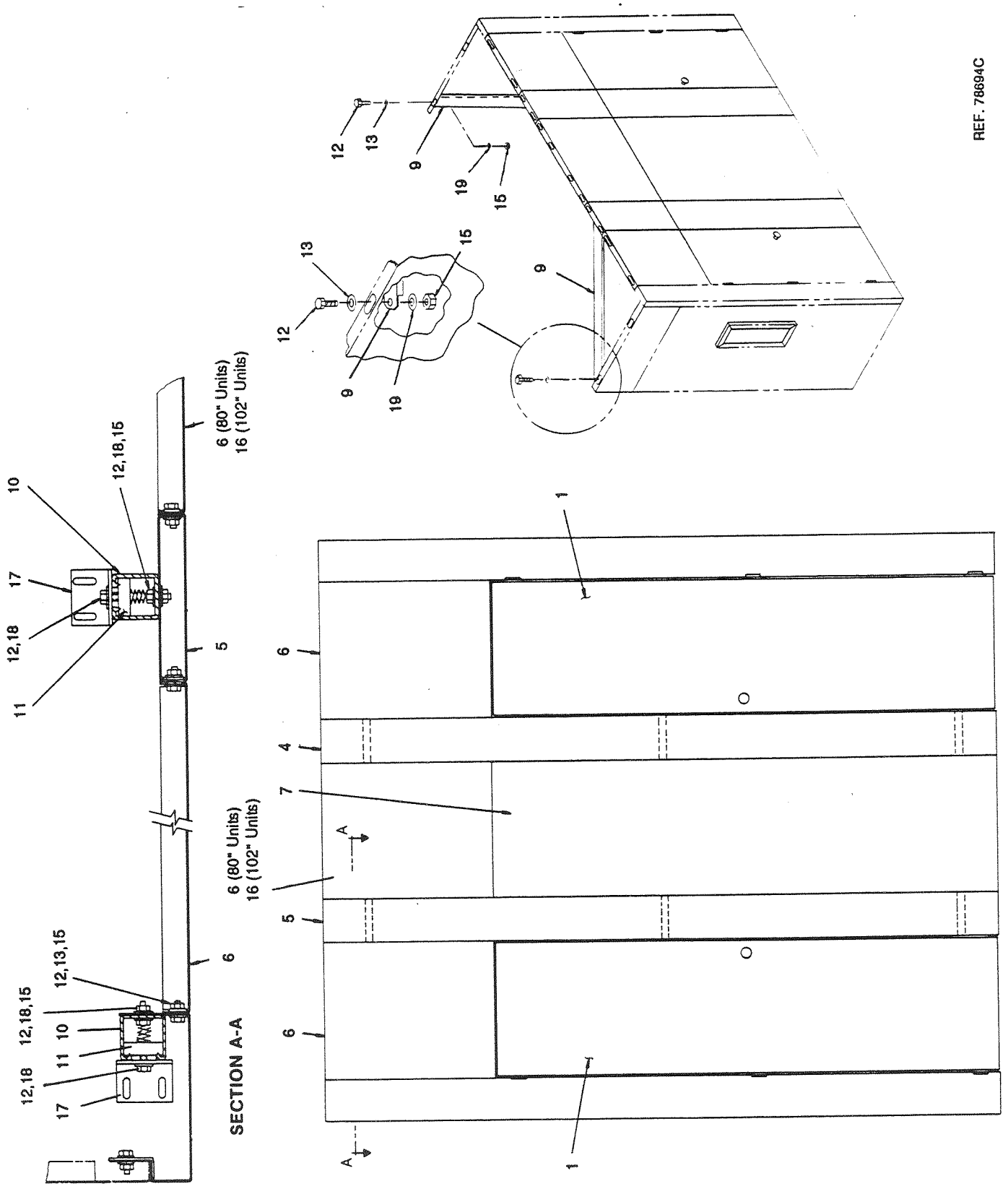
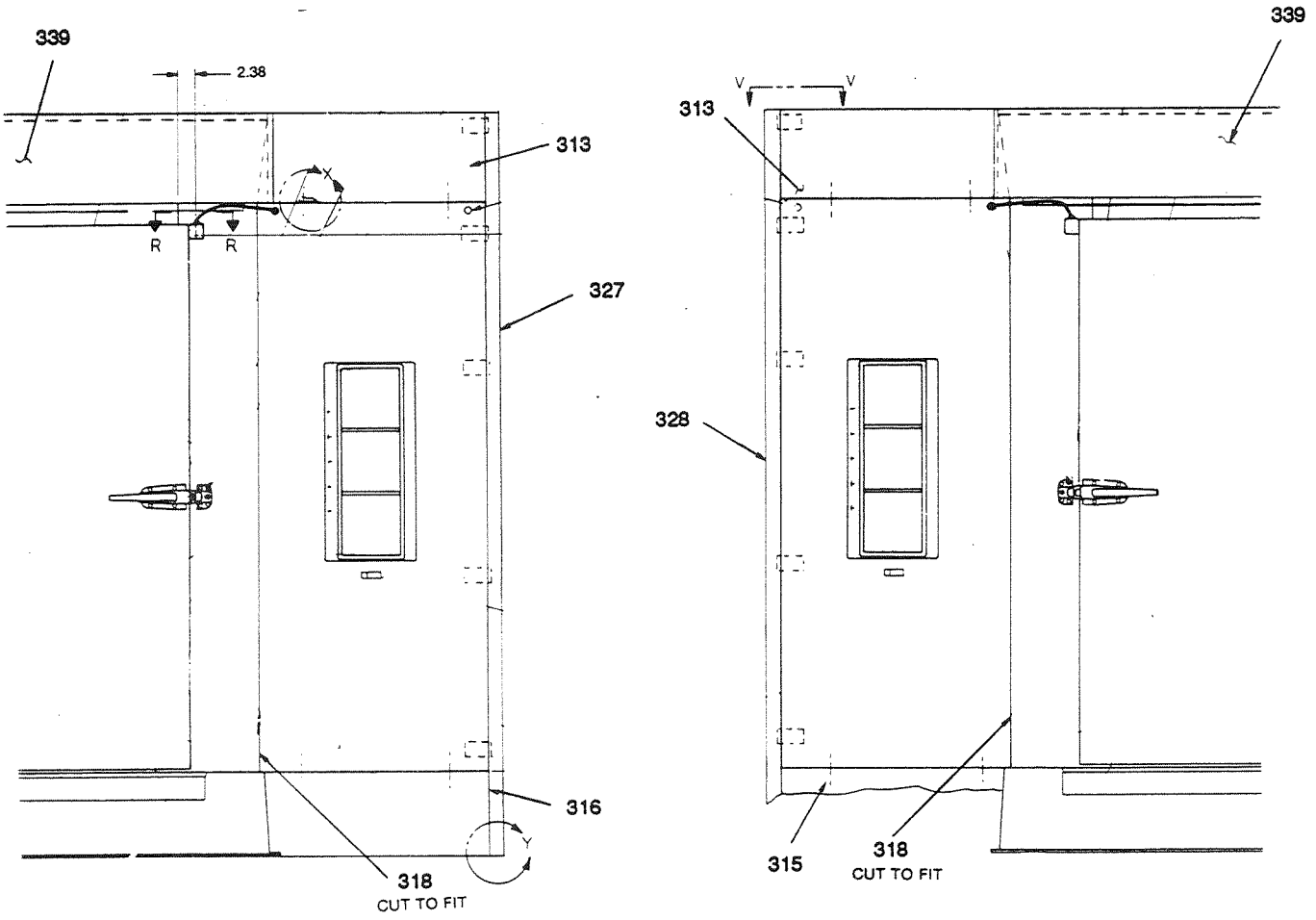


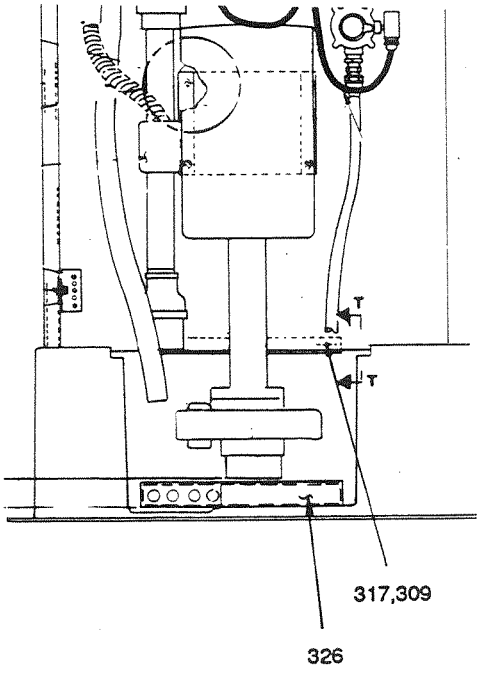

Figure 2–1. Cabinet Package

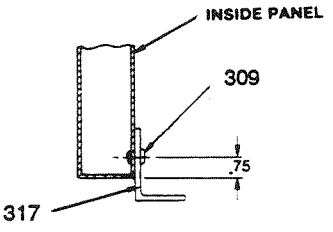
# Cabinet Package – Refer to Figure 2–1

78689 Cabinet Package (80" Pit Mounted)
78691 Cabinet Package (102" Pit Mounted)
78690 Cabinet Package (80" Floor Mounted)
78692 Cabinet Package (102" Floor Mounted)

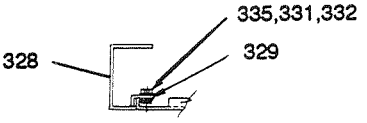
| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 514330 | Door, Washer Cabinet |
| 4 | 78669 | Panel, Right Side Support (Pit Mounted) |
| | 78670 | Panel, Right Side Support (Floor Mounted) |
| 5 | 78672 | Panel, Left Side Support (Pit Mounted) |
| | 78673 | Panel, Left Side Support (Floor Mounted) |
| 6 | 78677 | Panel, End (Pit Mounted) |
| | 78678 | Panel, End (Floor Mounted) |
| 7 | 78681 | Panel, Lower Center (80" Units) |
| | 78682 | Panel, Lower Center (102" Units) |
| 9 | 514344 | Brace, Cabinet |
| 10 | 78687 | Support, Unistrut (Pit Mounted) |
| | 78688 | Support, Unistrut (Floor Mounted) |
| 11 | 47667 | Nut, 1/4-20 Unistrut |
| 12 | E0108 | Screw, 1/4-20 x 5/8 Hex Head |
| 13 | E2177 | Washer, 1/4 Flat |
| 15 | E2239 | Nut, 1/4-20 Hex |
| 16 | 78679 | Panel, Upper Center (102" Pit Mounted) |
| | 78680 | Panel, Upper Center (102" Floor Mounted) |
| 17 | 78341 | Bracket, Unistrut Support |
| 18 | E7245 | Washer, 9/32 ID x 1 OD x 1/16 thick Flat |
| 19 | E4671 | Washer, 1/4 Helical Spring Lock |
| 20 | E2229 | Screw, #8-32 x 1/2 Phillips Flat Head |



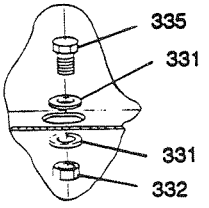



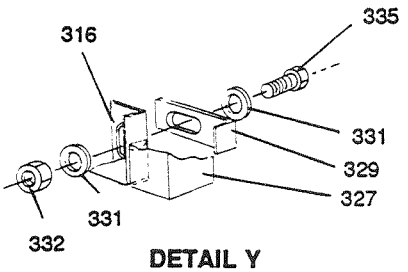

SECTION T-T




VIEW V-V



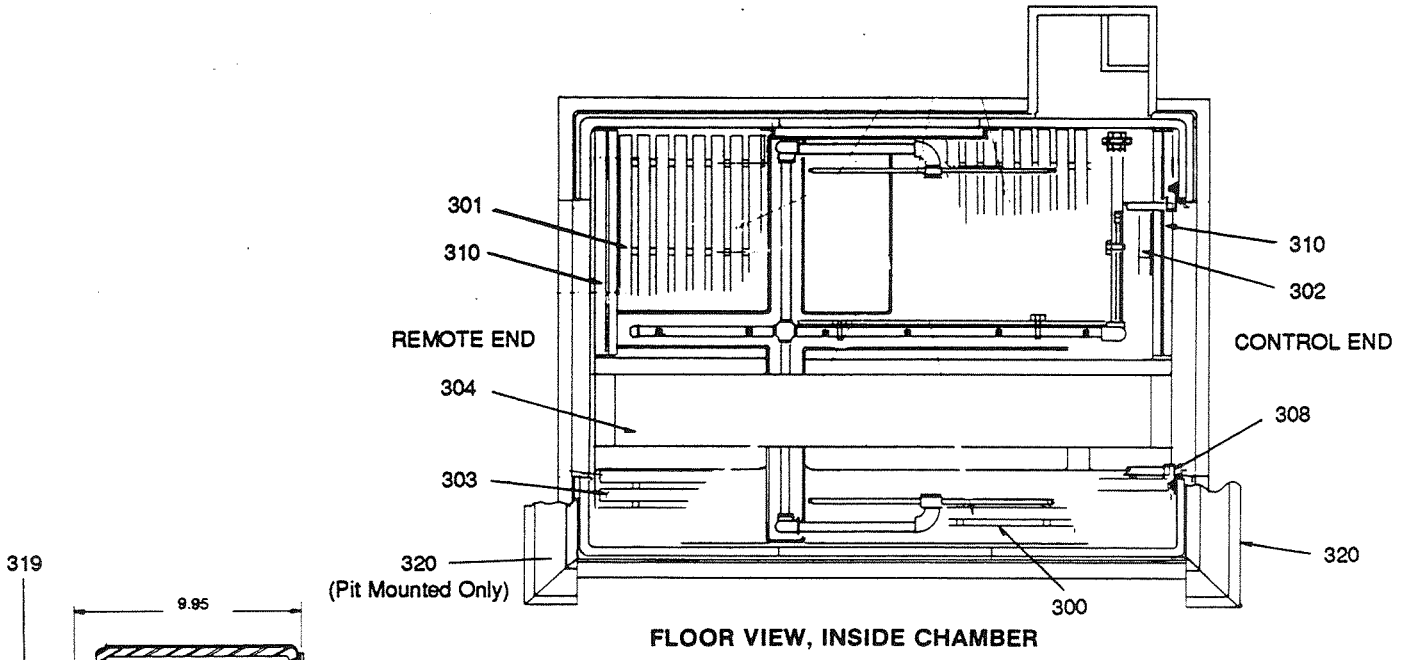

DETAIL X




DETAIL Y
(Floor Mounted Only)

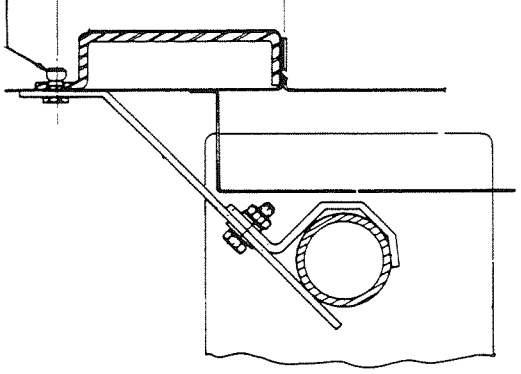
**Figure 2–2. Trim Package**

REF. 517240A

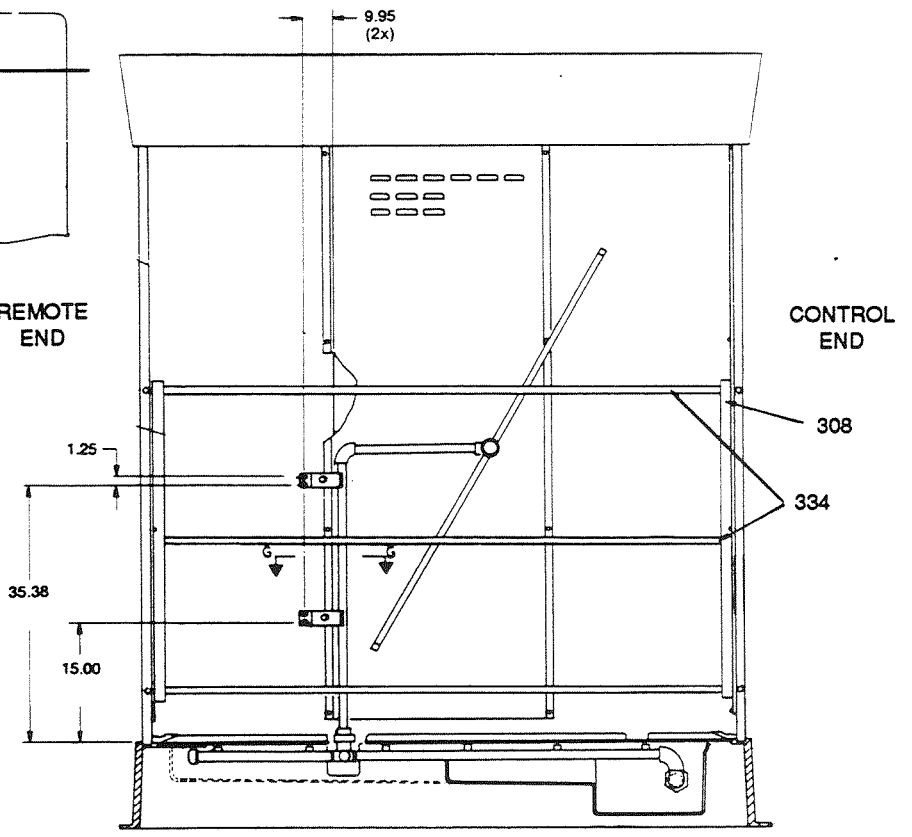



FLOOR VIEW, INSIDE CHAMBER

80" UNITS



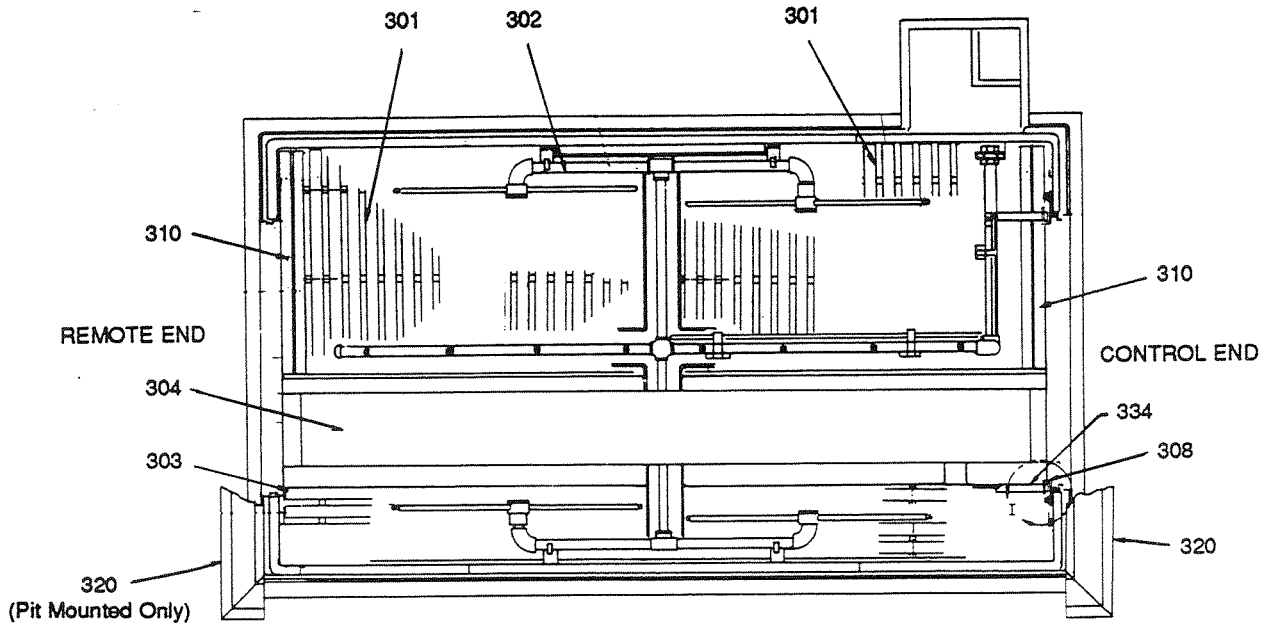
SECTION G-G
(80" Units)




RIGHT SIDE VIEW, INSIDE CHAMBER

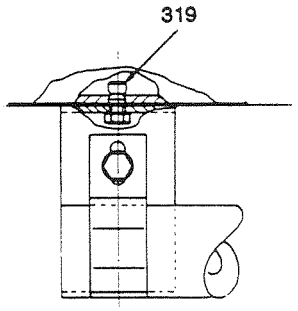
**Figure 2–2. Trim Package**

REF. 517240A

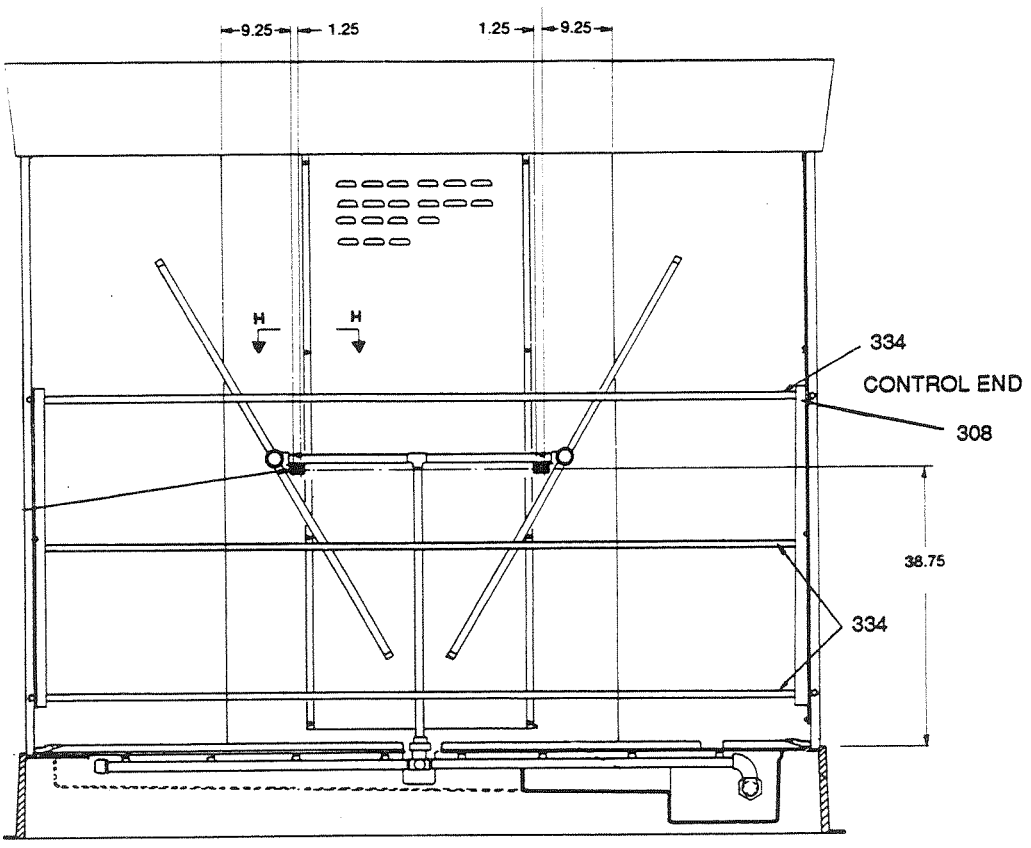


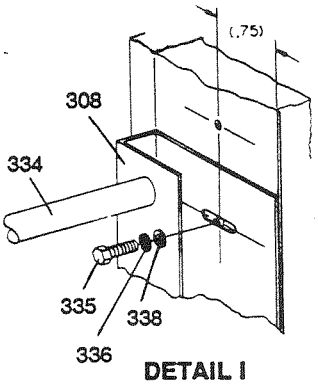

FLOOR VIEW, INSIDE CHAMBER

102" UNITS




SECTION H-H
(102" Units)




DETAIL I

RIGHT SIDE VIEW, INSIDE CHAMBER

**Figure 2–2. Trim Package**

REF. 517240A

# Trim Package – Refer to Figure 2–2

517196 Trim Package (80" Pit Mounted)
517198 Trim Package (102" Pit Mounted)
517197 Trim Package (80" Floor Mounted)
517199 Trim Package (102" Floor Mounted)

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 300 | 78480 | Grate, Side Floor (80" Units) |
| 301 | 78477 | Grate, Floor (80" Units) |
| | 78476 | Grate, End Floor (102" Units) |
| 302 | 78476 | Grate, End Floor (80" Units) |
| | 78479 | Grate, Center Floor (102" Units) |
| 303 | 78481 | Grate, Side Floor (80" Units) |
| | 78480 | Grate, Side Floor (102" Units) |
| 304 | 78468 | Ramp, Interior (80" Units) |
| | 78315 | Ramp, Interior (102" Units) |
| 308 | 530744 | Bracket, Rail |
| 309 | E7052 | Rivet, 1/8 dia x 3/8 long Domed Pop |
| 310 | 78370 | Threshold, Floor |
| 312 | 530619 | Cover, Panel Lock |
| 313 | 530791 | Panel, Control End Top Trim |
| 315 | 78538 | Panel, Remote End Bottom Trim (Pit Mounted) |
| | 78537 | Panel, Remote End Bottom Trim (Floor Mounted) |
| 316 | 78536 | Panel, Control End Bottom Trim (Pit Mounted) |
| | 78535 | Panel, Control End Bottom Trim (Floor Mounted) |
| 317 | 78701 | Angle, Floor Support |
| 318 | R7160 | Strip, 1/8 x 1 x 36 long Rubber |
| 319 | 44423 | Nutsert, 1/4-20 |
| 320 | 530798 | Cover, Pit (Pit Mounted) |
| 326 | 530747 | Filter, Sump |
| 327 | 514309 | Panel, Left Side Corner (Pit Mounted) |
| | 514310 | Panel, Left Side Corner (Floor Mounted) |
| 328 | 514313 | Panel, Right Side Corner (Pit Mounted) |
| | 514314 | Panel, Right Side Corner (Floor Mounted) |
| 329 | 78685 | Clamp, Panel |
| 331 | E2177 | Washer, 1/4 ID x 1/2 OD x 1/16 thick Flat |
| 332 | E2239 | Nut, 1/4-20 Hex |
| 334 | 514163 | Rail, Single Guide |
| | 514164 | Rail, Double Guide |
| 335 | E6810 | Screw, 1/4-20 x 1/2 Hex Head |
| 336 | E4671 | Washer, 1/4 Helical Spring Lock |
| 338 | E7023 | Washer, 1/4 Flat |
| 339 | 530792 | Panel, Top Center Trim |
| — | 530790 | Ramp, Floor (Floor Mounted) |

## NOTES

# SECTION 3. CONTROL HEADS


| Figure | | Page |
|---|---|---|
| 3–1 | Control Head Assembly . . . . . | 3–2 |

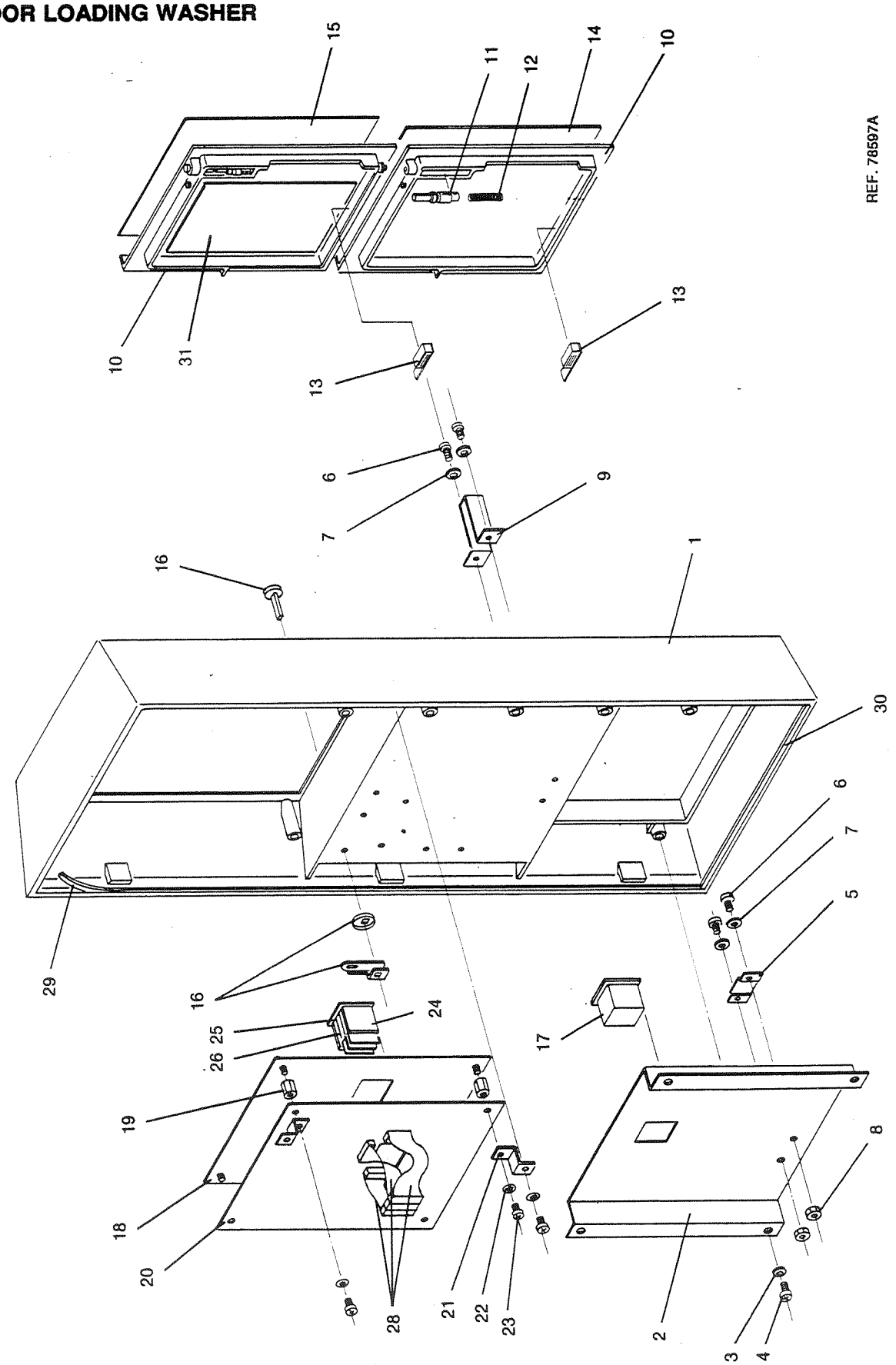



Figure 3–1. Control Head Assembly

# Control Head Assembly – Refer to Figure 3–1

78610 Control Head Assembly (with Drying)
78611 Control Head Assembly (without Drying)
78612 Remote Head Assembly (Remote End)

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 86717 | Housing, Control Head |
| 2 | 78599 | Panel, Component Mounting (without Drying) |
| | 69238 | Panel, Component Section Closure (Remote Head) |
| 3 | E6389 | Washer, #8 Internal Tooth Lock |
| 4 | E0069 | Screw, #8-32 x 1/4 Phillips Pan Head |
| 5 | 86529 | Bracket, Door Catch |
| 6 | E0013 | Screw, #4-40 x 1/2 Phillips Pan Head |
| 7 | E2053 | Washer, #4 Internal Tooth Lock |
| 8 | E7028 | Nut, #4-40 Hex |
| 9 | 86533 | Bracket, Center Door Catch |
| 10 | 513565 | Door, Control Head Compartment |
| 11 | 86534 | Pin, Door Hinge |
| 12 | 86535 | Spring, Compression, 1/4 dia x 1-3/8 long |
| 13 | 86531 | Catch, Magnetic Door |
| 14 | 69066 | Decal, Castle Door |
| 15 | 86486 | Decal, Center Compartment Door |
| 16 | 86440 | Latch, Control Head |
| 17 | 69674 | Circuit Breaker, 3 Amp |
| 18 | 513843 | Control Panel, Control Head (with Drying) |
| | 513845 | Control Panel, Control Head (without Drying) |
| | 513844 | Control Panel, Remote Head |
| 19 | 86532 | Standoff, #8-32 Internal Thread x 1/2 long |
| 20 | 78613 | Board, Control Head Display PC |
| 21 | 86445 | Bracket, Control Panel Mounting |
| 22 | E6389 | Washer, #8 Internal Tooth Lock |
| 23 | E0069 | Screw, #8-32 x 1/4 Phillips Pan Head |
| 24 | 69235 | Plate, Dual Pushbutton Switch End |
| 25 | 69782 | Switch, Dual Pushbutton (1 – 10) |
| 26 | 78614 | Spacer, Switch Section |
| 28 | 78616 | Cable, Pushbutton Switch |
| 29 | 86654 | Gasket, Control Head Bottom |
| 30 | 86655 | Gasket, Control Head Side |
| 31 | 78493 | Decal, Washer Operation |

## NOTES

# SECTION 4. DOOR COMPONENTS


| Figure | | Page |
|---|---|---|
| 4–1 | Door Package . . . . . | 4–2 |

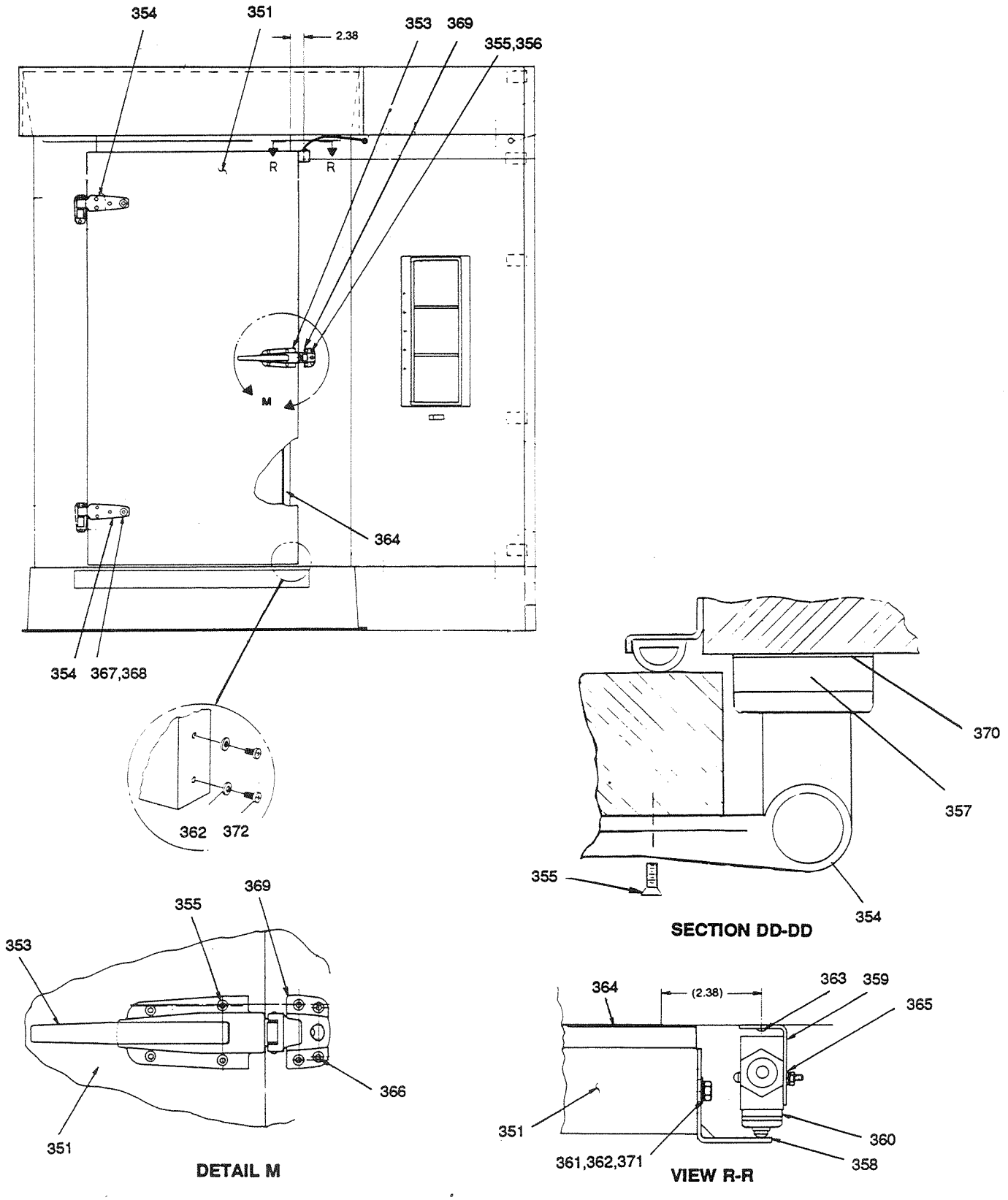
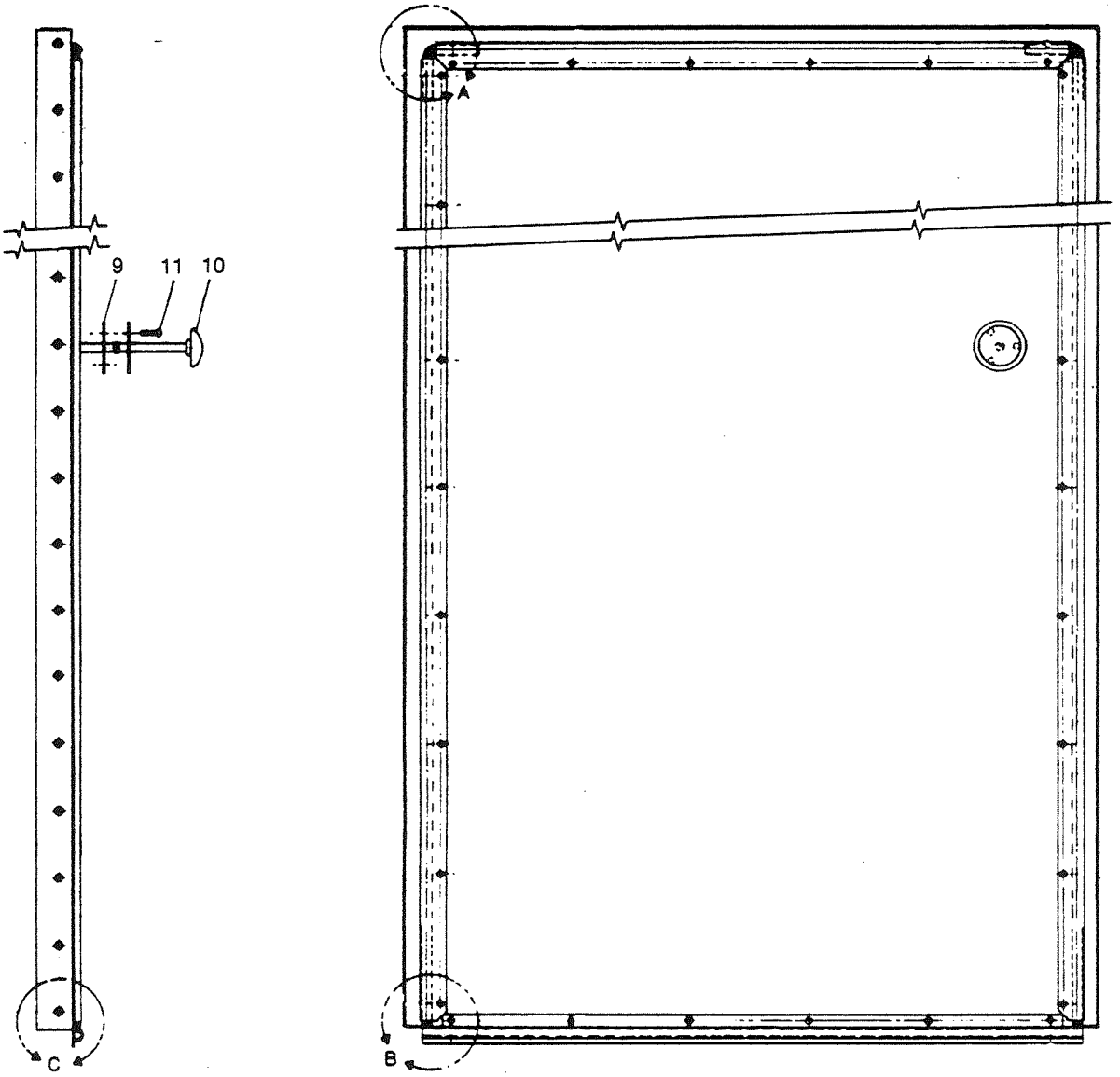
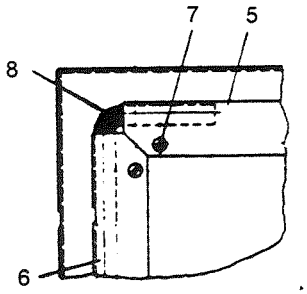



Figure 4–1. Door Package

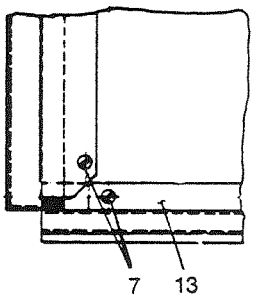
REF. 517240A



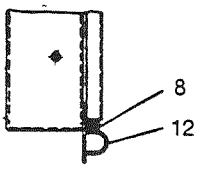

RIGHT HAND DOOR SHOWN




DETAIL A




DETAIL B




VIEW C

**Figure 4–1. Door Package**

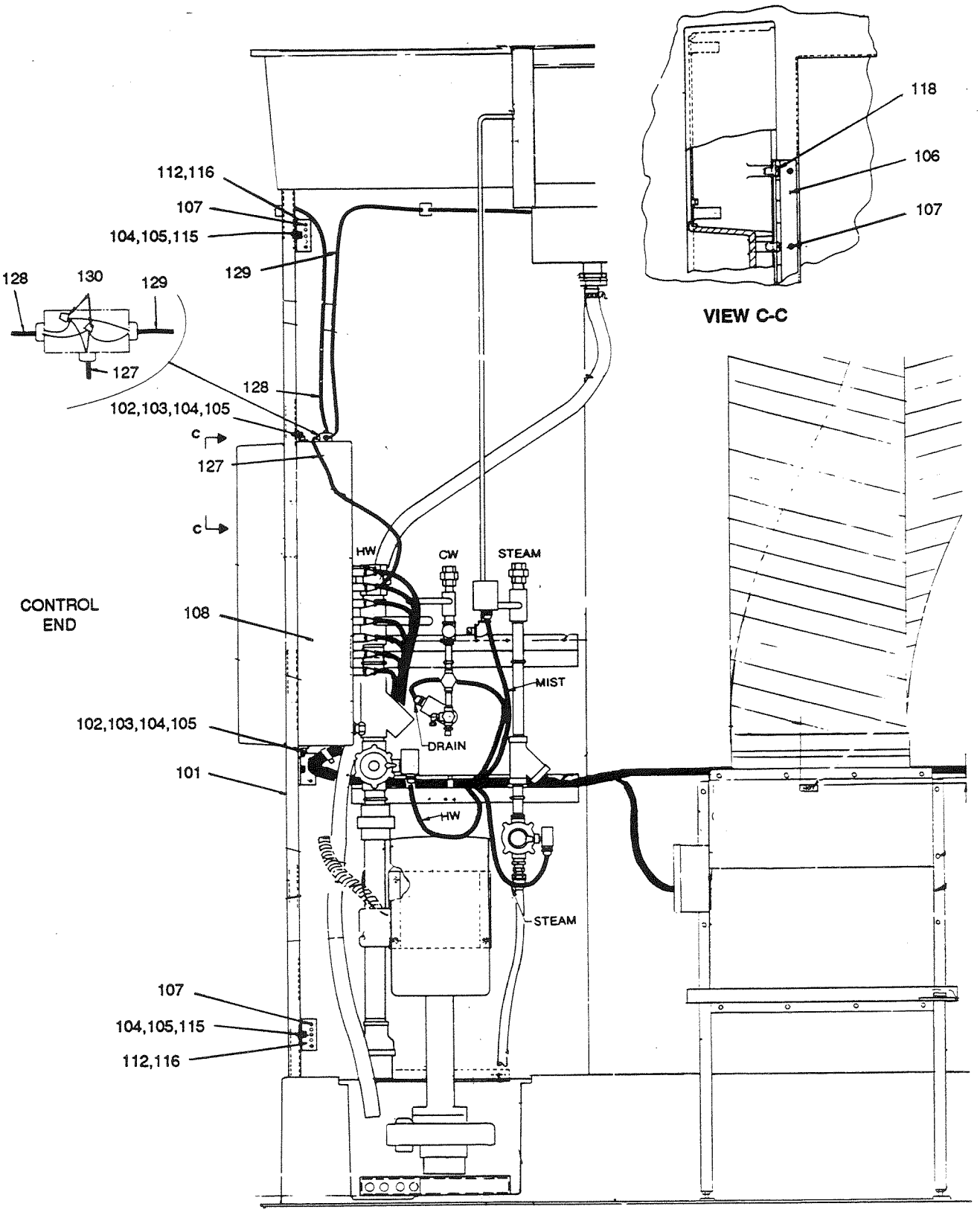
REF. 78656C

# Door Package – Refer to Figure 4–1

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 351 | 78624 | Door Assembly, Left Hand |
| 5 | 578629 | • Contactor, Top |
| 6 | 78630 | • Contactor, Side |
| 7 | E7021 | • Screw, #10-32 x 1/2 Self-Tapping Pan Head |
| 8 | 78634 | • Gasket, Door Contactor |
| 9 | 78635 | • Gasket, Door Latch |
| 10 | 78636 | • Latch, Door |
| 11 | E4699 | • Screw, #10-32 x 3/4 Hex Head |
| 12 | 78637 | • Gasket, Door Bottom Wiper |
| 13 | 78548 | • Strip, Wiper Gasket Retaining |
| 352 | 78656 | Door Assembly, Right Hand |
| 5 | 578629 | • Contactor, Top |
| 6 | 78630 | • Contactor, Side |
| 7 | E7021 | • Screw, #10-32 x 1/2 Self-Tapping Pan Head |
| 8 | 78634 | • Gasket, Door Contactor |
| 9 | 78635 | • Gasket, Door Latch |
| 10 | 78636 | • Latch, Door |
| 11 | E4699 | • Screw, #10-32 x 3/4 Hex Head |
| 12 | 78637 | • Gasket, Door Bottom Wiper |
| 13 | 78548 | • Strip, Wiper Gasket Retaining |
| 353 | 78658 | Body, Door Latch |
| 354 | 517166 | Hinge, Door |
| 355 | E6967 | Screw, 1/4-20 x 1-1/2 Phillips Flat Head |
| 356 | 78693 | Block, Door Latch |
| 357 | 78696 | Spacer, Door Hinge |
| 358 | 78406 | Actuator, Door Switch |
| 359 | 78408 | Bracket, Door Switch Mounting |
| 360 | 511410 | Switch, SPST Momentary |
| 361 | E4699 | Screw, #10-32 x 3/4 Hex Head |
| 362 | E7101 | Washer, #10 Flat |
| 363 | E7052 | Rivet, 1/8 dia x 3/8 long Domed Pop |
| 364 | 78392 | Gasket, Door |
| 365 | E2043 | Washer, #6 Internal Tooth Lock |
| 366 | 44423 | Nutsert, 1/4-20 |
| 367 | 78533 | Bumper, Door Stop |
| 368 | E7231 | Screw, 1/4-20 x 1-3/4 Phillips Pan Head |
| 369 | 513597 | Strike, Door Latch |
| 370 | 513934 | Shim, Door Hinge |
| 371 | E7034 | Washer, #10 Helical Spring Lock |
| 372 | E2143 | Screw, #10-32 x 5/8 Phillips Pan Head |

# SECTION 5. ELECTRICAL CONTROLS


| Figure | | Page |
|---|---|---|
| 5–1 | Control Package | 5–2 |
| 5–2 | Control Box Assembly (Control End) | 5–6 |
| 5–3 | Control Box Assembly (Remote End) | 5–10 |
| 5–4 | Transformer Package | 5–12 |




REF. 517240A

**Figure 5–1. Control Package**

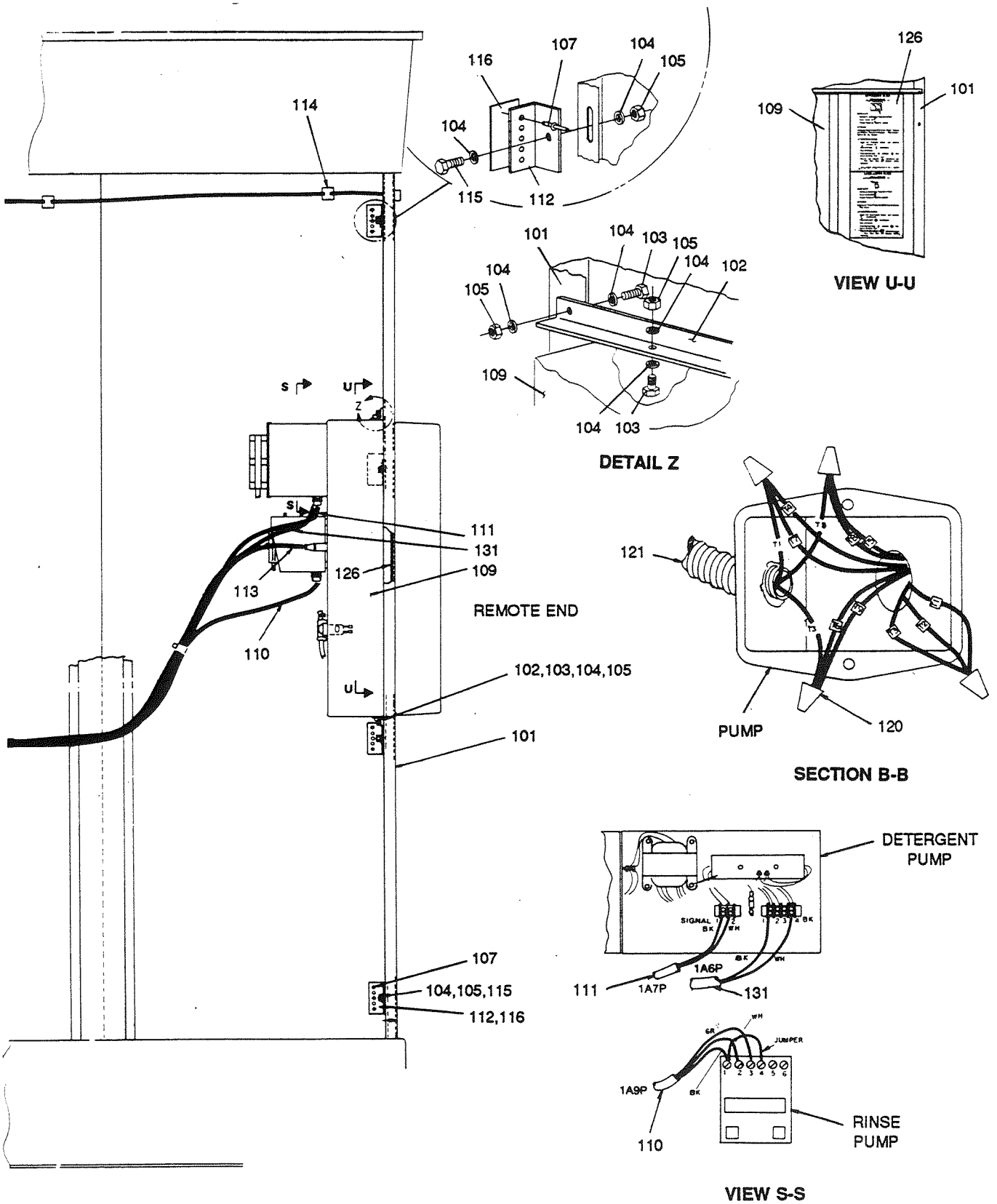



**Figure 5–1. Control Package**

REF. 517240A

## Control Package – Refer to Figure 5–1

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 101 | 78438 | Panel, Control (Pit Mounted) |
| | 78437 | Panel, Control (Floor Mounted) |
| 102 | 78556 | Bracket, Control Box Mounting |
| 103 | E0215 | Screw, 1/4-20 x 3/4 Hex Head |
| 104 | E2177 | Washer, 1/4 Flat |
| 105 | E2239 | Nut, 1/4-20 Hex |
| 106 | 86487 | Hinge, Control Head |
| 107 | E7052 | Rivet, 1/8 dia x 3/8 long Domed Pop |
| 108 | 78567 | Control Box Assembly, Control End<br>• See Figure 5–2 for listing of parts |
| 109 | 78570 | Control Box Assembly, Remote End<br>• See Figure 5–3 for listing of parts |
| 110 | 78416 | Cord Assembly, Control End Box to Rinse Pump |
| 111 | 78413 | Cord Assembly, Control End Box to Detergent Pump |
| 112 | 514348 | Bracket, Panel Mounting |
| 113 | 78422 | Cable, Control End Box to Remote End Box |
| 114 | 44482 | Pad, Harness Mounting |
| 115 | E6810 | Screw, 1/4-20 x 1/2 Hex Head |
| 116 | R3587 | Tape, 1 wide Plastic (specify length) |
| 118 | E2169 | Screw, #6-32 x 3/8 Self-Tapping Phillips Pan Head |
| 119 | 21221 | Button, Plug for 7/8 dia hole |
| 120 | 08172 | Nut, Wire (Two #14 Min – Two #10 & One #12 Max) |
| 121 | 78414 | Conduit Assembly, Control End Box to Pump |
| 122 | 78492 | Decal, Castle Floor Loading Washer |
| 123 | 86547 | Bezel, Nameplate |
| 124 | 513603 | Decal, MDT |
| 125 | E4628 | Clip, Speed for 1/8 dia Shaft |
| 126 | 78494 | Decal, Pump Priming |
| 127 | 78417 | Cord Assembly, Door Switch |
| 128 | 78420 | Cord Assembly, Door Switch (SW1) |
| 129 | 78425 | Cord Assembly, Door Switch (SW2) |
| 130 | B0105 | Nut, Wire (Two #18 min – Two #16 max) |
| 131 | 78714 | Cord Assembly, Control End Box to Detergent Pump |

## NOTES

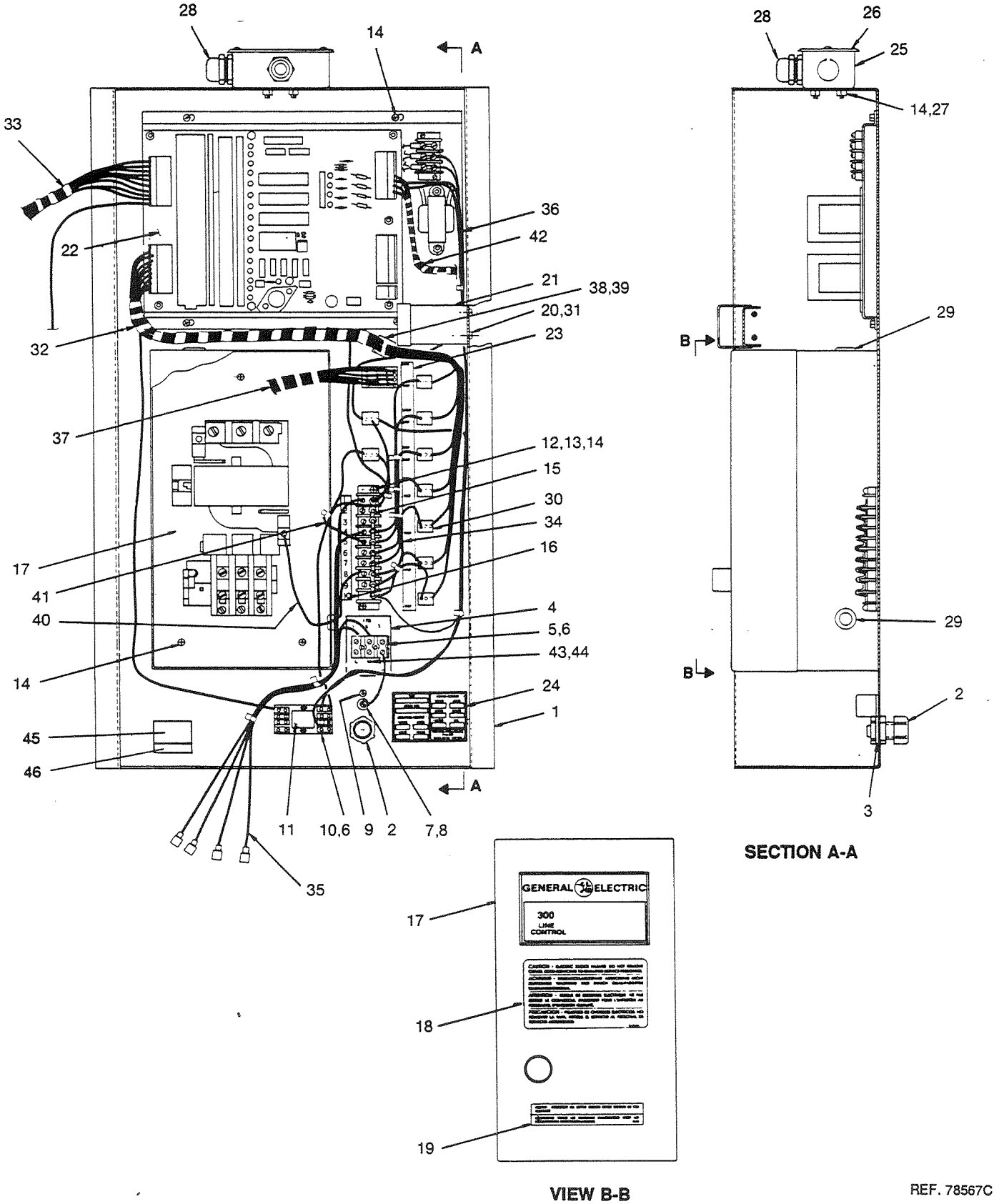



Figure 5–2. Control Box Assembly (Control End)

# Control Box Assembly (Control End) – 78567
## Refer to Figure 5–2

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 78435 | Box, Control (Control End) |
| 2 | 42422 | Connector, 1/2 dia Liquid Tight |
| 3 | 36967 | Spacer, Conduit, 7/8 ID x 1-1/8 OD x 1/8 long |
| 4 | 69410 | Card, Insulation (3 Connector) |
| 5 | 86591 | Strip, Terminal (3 Connector) |
| 6 | E5337 | Screw, #4-40 x 1-1/4 Phillips Pan Head |
| 7 | E6645 | Screw, #10-32 x 3/8 Hex Head Ground |
| 8 | 61419 | Washer, #10 Terminal Cup |
| 9 | 65723 | Label, Ground Identification (Protective Earth) |
| 10 | 78564 | Socket, Relay (14 Pin) |
| 11 | 78565 | Relay, 12VDC DPDT |
| 12 | 49894 | Insulation, Terminal Block |
| 13 | 49893 | Block, Terminal (10 Connector) |
| 14 | E0252 | Screw, #8-32 x 5/8 Phillips Pan Head |
| 15 | 52001 | Jumper, Terminal Block |
| 16 | 51255 | Strip, Terminal Block Marking (1 – 10) |
| 17 | 78310 | Relay, Motor Start |
| 18 | 64116 | Decal, Shock Hazard |
| 19 | 61453 | Label, Circuit Caution |
| 20 | E7044 | Nut, #6-32 Hex |
| 21 | 78429 | Bracket, Control Head Latch |
| 22 | 78566 | Controller, Programmable |
| 23 | 78584 | Decal, Control Box |
| 24 | — | Nameplate, Rating |
| 25 | 38379 | Box, Junction |
| 26 | 03495 | Cover, Junction Box |
| 27 | E6361 | Washer, #6 Flat |
| 28 | 69003 | Connector, 1/4 – 1/2 dia Liquid Tight |
| 29 | 25564 | Grommet, 3/4 ID x 1-3/16 OD for 7/8 dia Hole |
| 30 | 78397 | Connector, 3 Contact Jack |
| 31 | E5013 | Screw, #6-32 x 3/8 Phillips Pan Head |
| 32 | 78706 | Harness, AC Program Output |
| 33 | 78657 | Harness, Program Output |
| 34 | 78707 | Harness, AC Common |
| 35 | 78708 | Harness, Power |
| 36 | 78709 | Harness, Relay |
| 37 | 78424 | Cable Assembly, Control Box |
| 38 | 44482 | Pad, Harness Mounting |
| 39 | 33511 | Tie, Cable |

## Control Box Assembly (Control End) – Refer to Figure 5–2

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 40 | 78710 | Harness, Terminal Block to Relay |
| 41 | 78711 | Harness, Power Detector |
| 42 | 78717 | Harness, Program Input |
| 43 | 79772 | Marker, Wire No. L |
| 44 | 78774 | Marker, Wire No. N |
| 45 | — | Label, ETL |
| 46 | — | Label, CSA |

## NOTES

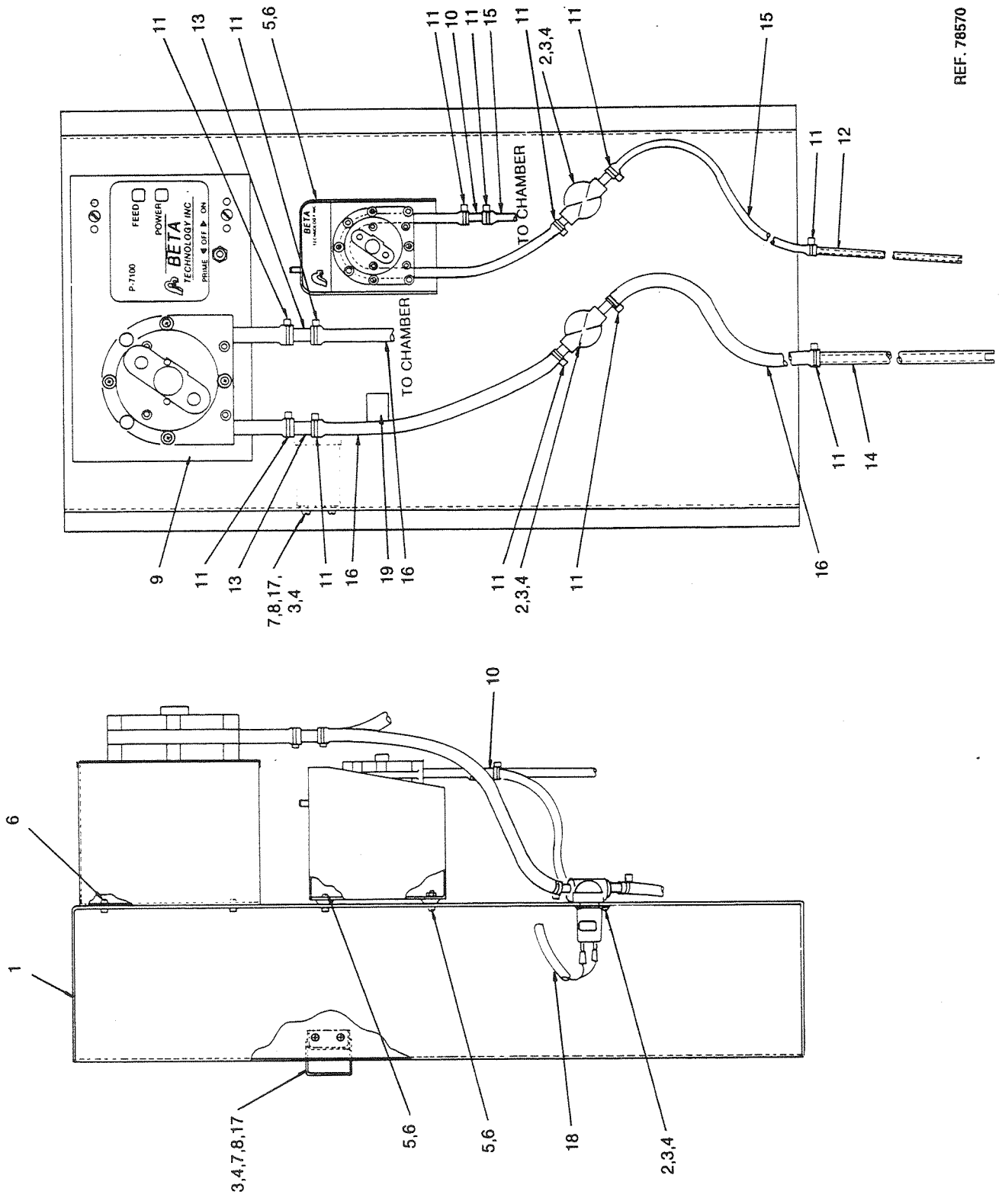
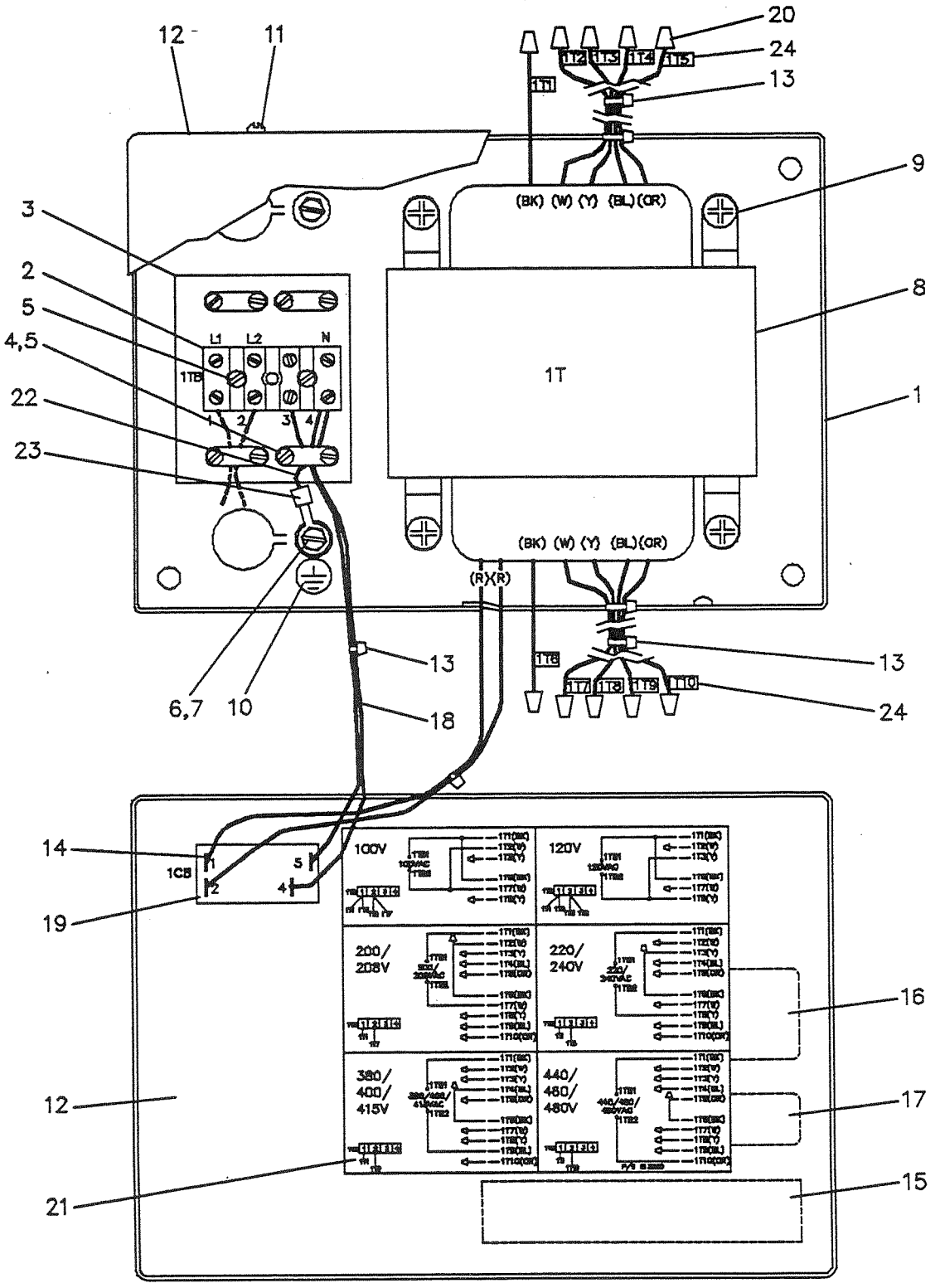



Figure 5–3. Control Box Assembly (Remote End)

# Control Box Assembly (Remote End) – 78570
## Refer to Figure 5–3

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 78558 | Box, Control (Remote End) |
| 2 | 69617 | Switch, Pump Pressure |
| 3 | E5013 | Screw, #6-32 x 3/8 Phillips Pan Head |
| 4 | E4788 | Washer, #6 Helical Spring Lock |
| 5 | 69607 | Pump, Rinse Agent |
| | 511898 | • Tubing, Squeeze (21 long) |
| 6 | E0252 | Screw, #8-32 x 5/8 Phillips Pan Head |
| 7 | 78429 | Bracket, Control Head Latch |
| 8 | E7044 | Nut, #6-32 Hex |
| 9 | 78568 | Pump, Detergent |
| | 08442 | • Fuse, 5 Amp, 250V |
| | 511899 | • Tubing, Squeeze (16 long) |
| 10 | 69694 | Connector, 1/4 ID Tubing x 1/4 ID Tubing |
| 11 | 41271 | Clamp, 1/4 to 5/8 dia Hose |
| 12 | 60626 | Tube, Syphon (1/4 OD x 18 long) |
| 13 | 78563 | Connector, 3/8 ID Tubing x 3/8 ID Tubing |
| 14 | 78569 | Tube, Syphon (1/2 OD x 18 long) |
| 15 | R7071 | Tubing, 3/8 OD Clear Plastic (specify length) |
| 16 | R7043 | Tubing, 1/2 OD Clear Plastic (specify length) |
| 17 | E6361 | Washer, #8 Flat |
| 18 | 78712 | Harness, Pressure Switch |
| 19 | 78718 | Cable Assembly, Remote End Control Box |




*FRONT VIEW*
COVER OPEN

513792AB

**Figure 5–4. Transformer Package**

## Transformer Package – 513792 – Refer to Figure 5–4

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 513973 | Box, Transformer |
| 2 | 86707 | Block, Terminal (4 Connector) |
| 3 | 513796 | Insulation, Plate |
| 4 | 67949 | Clamp, Small |
| 5 | E6900 | Screw, #4-40 x 3/4 Phillips Pan Head |
| 6 | 61419 | Washer, #10 Terminal Cup |
| 7 | E6645 | Screw, #10-32 x 3/8 Hex Head Ground |
| 8 | 513797 | Transformer, Power |
| 9 | E6898 | Screw, #10-32 x 1/2 Phillips Truss Head |
| 10 | 65723 | Label, Ground Identification (Protective Earth) |
| 11 | E4941 | Screw, #10-32 x 3/8 Phillips Pan Head |
| 12 | 513798 | Cover, Transformer Box |
| 13 | 33511 | Tie, Cable |
| 14 | 12972 | Terminal, 1/4 Female Slip-On (#16 – #14 Wire) |
| 15 | 61453 | Label, Circuit Caution |
| 16 | — | Plate, Rating |
| 17 | 60667 | Label, Use Copper Connectors Only |
| 18 | R3385 | Wire, #16 AWG Brown Stranded (specify length) |
| 19 | 513799 | Circuit Breaker, 12-1/2 Amp |
| 20 | B0105 | Nut, Wire (Two #18 min – Two #16 max) |
| 21 | 513800 | Label, Voltage Input |
| 22 | R1202 | Wire, #18 AWG Black Stranded (specify length) |
| 23 | 49106 | Terminal, Ring for #10 Stud (#22 – #16 Wire) |
| 24 | 511419 | Marker, Cord Identification (Computable-Printable) |

## NOTES

# SECTION 6. PIPING COMPONENTS


| Figure | | Page |
|---|---|---|
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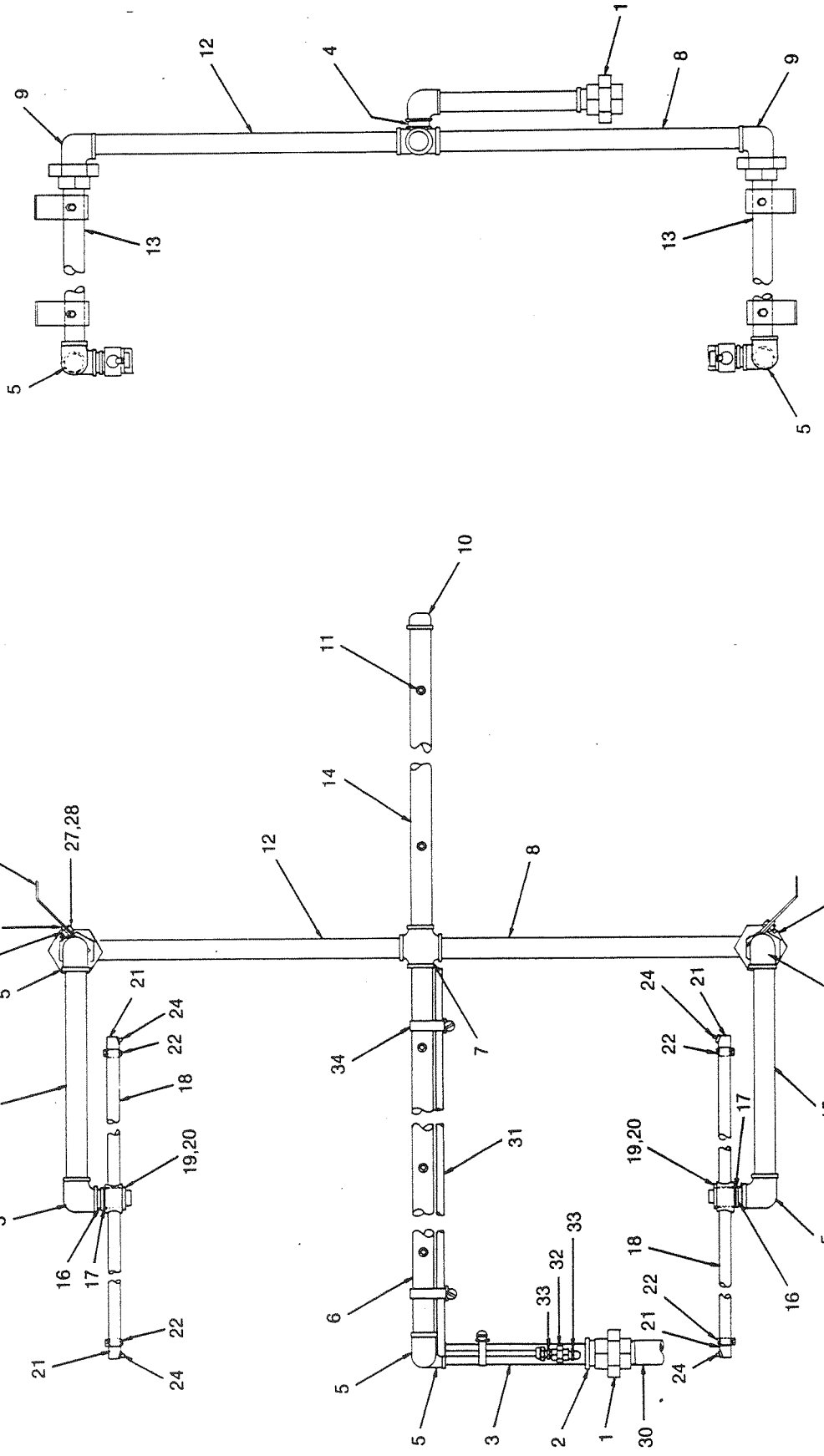
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# Internal Piping Package (80" Units) – 78506
## Refer to Figure 6–1a

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 33698 | Union, Female, 1-1/2 FPT x 1-1/2 FPT |
| 2 | 54696 | Bushing, Hex, 1-1/2 MPT x 1-1/4 FPT |
| 3 | 78483 | Nipple, 1-1/4 MPT x 22-1/4 long |
| 4 | 56771 | Nipple, 1-1/4 MPT x 2-1/2 long |
| 5 | 12256 | Elbow, Female, 1-1/4 FPT x 1-1/4 FPT |
| 6 | 78334 | Arm, Center Spray (42-3/4 long) |
| 7 | 69682 | Cross, 1-1/4 FPT |
| 8 | 78347 | Nipple, 1-1/4 MPT x 24-3/4 long |
| 9 | 78484 | Elbow, Union, 1-1/4 FPT x 1-1/4 FPT |
| 10 | 78561 | Cap, Pipe, 1-1/4 FPT |
| 11 | 86247 | Nozzle, Wide Angle Spray (3/8 MPT) |
| 12 | 78346 | Nipple, 1-1/4 MPT x 22-3/4 long |
| 13 | 78348 | Nipple, 1-1/4 MPT x 37-3/4 long |
| 14 | 78482 | Arm, Center Spray (18 long) |
| 15 | 78385 | Nipple, 1-1/4 MPT x 11 long |
| 16 | 78355 | Post, Rotating Spray Arm |
| 17 | 78356 | Bearing, Rotating Spray Arm |
| 18 | 78387 | Arm, Rotating Spray |
| 19 | 78532 | Washer, Rotating Spray Arm Wear |
| 20 | 78359 | Nut, Rotating Spray Arm Lock |
| 21 | 530658 | Cap, Spray Arm |
| 22 | E5013 | Screw, #6-32 x 3/8 Phillips Pan Head |
| 24 | 530657 | Nozzle, Flat Spray (1/4 MPT) |
| 25 | 78342 | Clamp, Spray Arm |
| 26 | 78386 | Bracket, Spray Arm Support |
| 27 | E0108 | Screw, 1/4-20 x 5/8 Hex Head |
| 28 | E2177 | Washer, 1/4 Flat |
| 30 | 68190 | Nipple, 1-1/2 MPT x 11 long |
| 31 | 78376 | Manifold, Steam |
| 32 | 23755 | Coupling, 3/4 FPT x 3/4 FPT |
| 33 | 27088 | Union, Half, 3/4 MPT x 3/4 OD Tubing |
| 34 | 43676 | Clamp, 1-9/16 to 2-1/2 dia Hose |

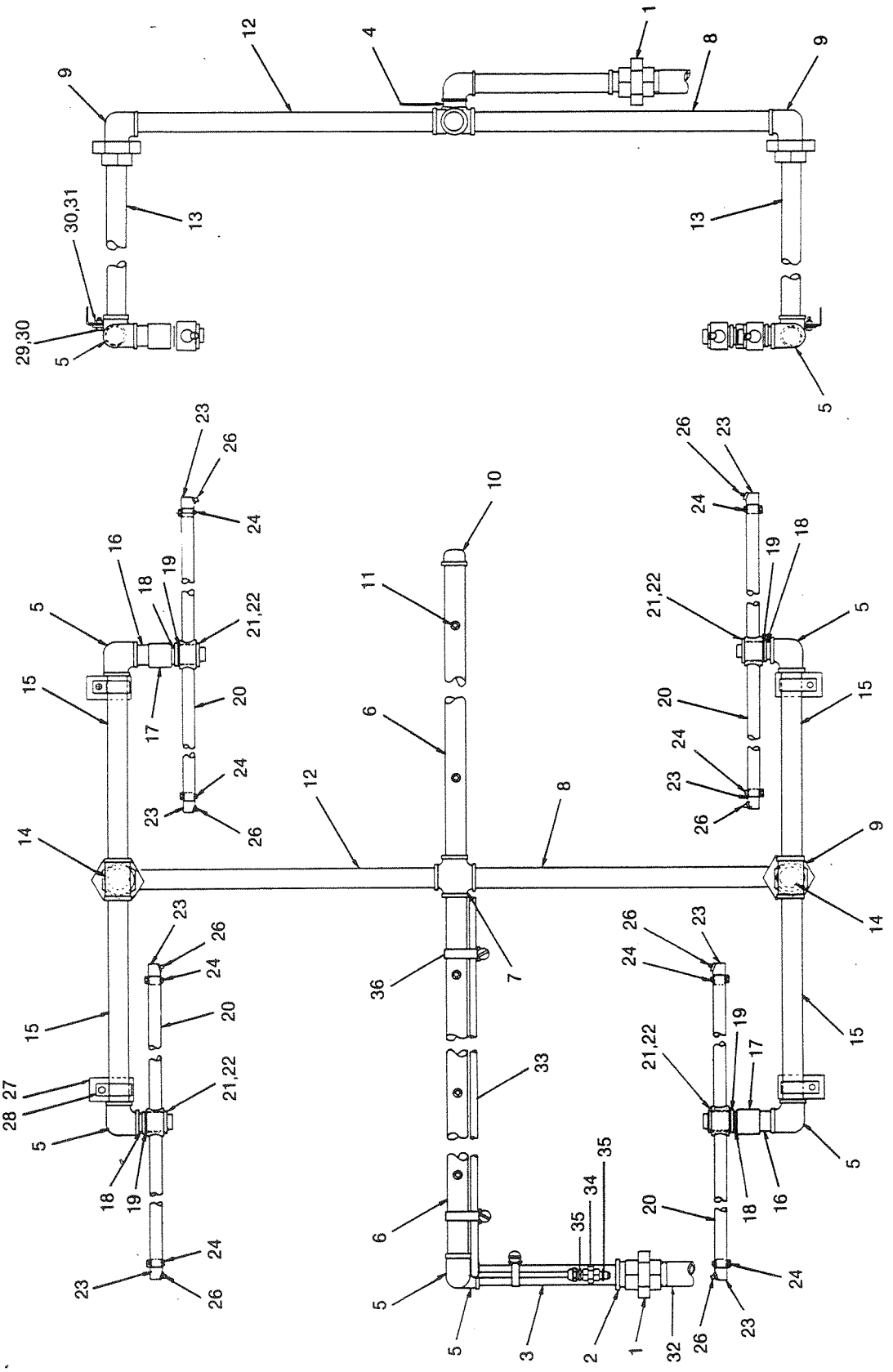
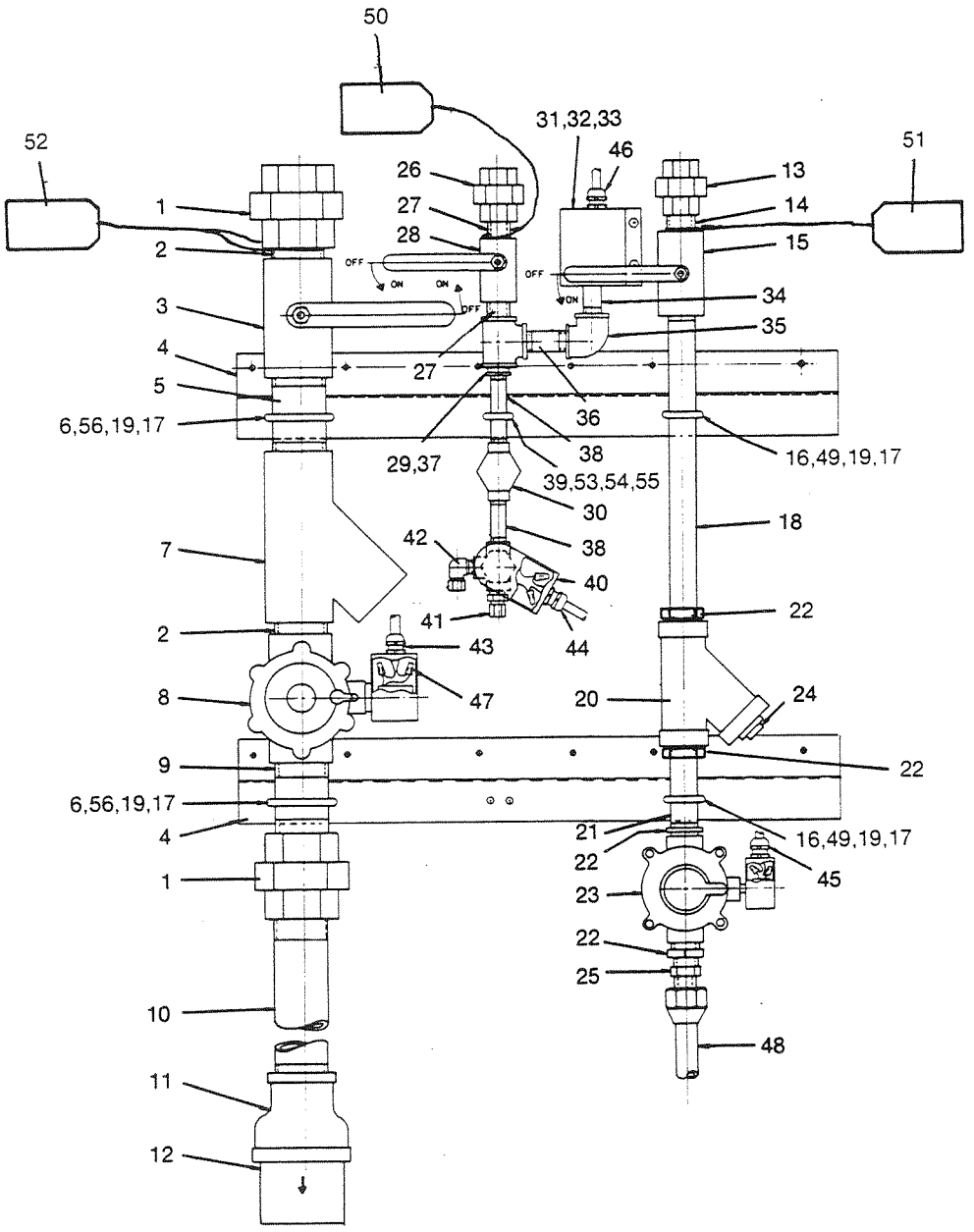



Figure 6–1b. Internal Piping Package (102" Units)

# Internal Piping Package (102" Units) – 78505
## Refer to Figure 6–1b

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 33698 | Union, Female, 1-1/2 FPT x 1-1/2 FPT |
| 2 | 54696 | Bushing, Hex, 1-1/2 MPT x 1-1/4 FPT |
| 3 | 78483 | Nipple, 1-1/4 MPT x 22-1/4 long |
| 4 | 56771 | Nipple, 1-1/4 MPT x 2-1/2 long |
| 5 | 12256 | Elbow, Female, 1-1/4 FPT x 1-1/4 FPT |
| 6 | 78334 | Arm, Center Spray (42-3/4 long) |
| 7 | 69682 | Cross, 1-1/4 FPT |
| 8 | 78347 | Nipple, 1-1/4 MPT x 24-3/4 long |
| 9 | 78484 | Elbow, Union, 1-1/4 FPT x 1-1/4 FPT |
| 10 | 78561 | Cap, Pipe, 1-1/4 FPT |
| 11 | 86247 | Nozzle, Wide Angle Spray (3/8 MPT) |
| 12 | 78346 | Nipple, 1-1/4 MPT x 22-3/4 long |
| 13 | 78348 | Nipple, 1-1/4 MPT x 37-3/4 long |
| 14 | 45032 | Tee, Female, 1-1/4 FPT x 1-1/4 FPT x 1-1/4 FPT |
| 15 | 78349 | Nipple, 1-1/4 MPT x 17-1/4 long |
| 16 | 12370 | Nipple, Close, 1-1/4 MPT |
| 17 | 78486 | Coupling, 1-1/4 FPT |
| 18 | 78355 | Post, Rotating Spray Arm |
| 19 | 78356 | Bearing, Rotating Spray Arm |
| 20 | 78387 | Arm, Rotating Spray |
| 21 | 78532 | Washer, Rotating Spray Arm Wear |
| 22 | 78359 | Nut, Rotating Spray Arm Lock |
| 23 | 530658 | Cap, Spray Arm |
| 24 | E5013 | Screw, #6-32 x 3/8 Phillips Pan Head |
| 26 | 530657 | Nozzle, Flat Spray (1/4 MPT) |
| 27 | 78341 | Bracket, Spray Arm Support |
| 28 | 7834 | Clamp, Spray Arm |
| 29 | E0108 | Screw, 1/4-20 x 5/8 Hex Head |
| 30 | E2177 | Washer, 1/4 Flat |
| 32 | 68190 | Nipple, 1-1/2 MPT x 11 long |
| 33 | 78376 | Manifold, Steam |
| 34 | 23755 | Coupling, 3/4 FPT x 3/4 FPT |
| 35 | 27088 | Union, Half, 3/4 MPT x 3/4 OD Tubing |
| 36 | 43676 | Clamp, 1-9/16 to 2-1/2 dia Hose |




REF. 78546D

Figure 6–2. External Piping Package

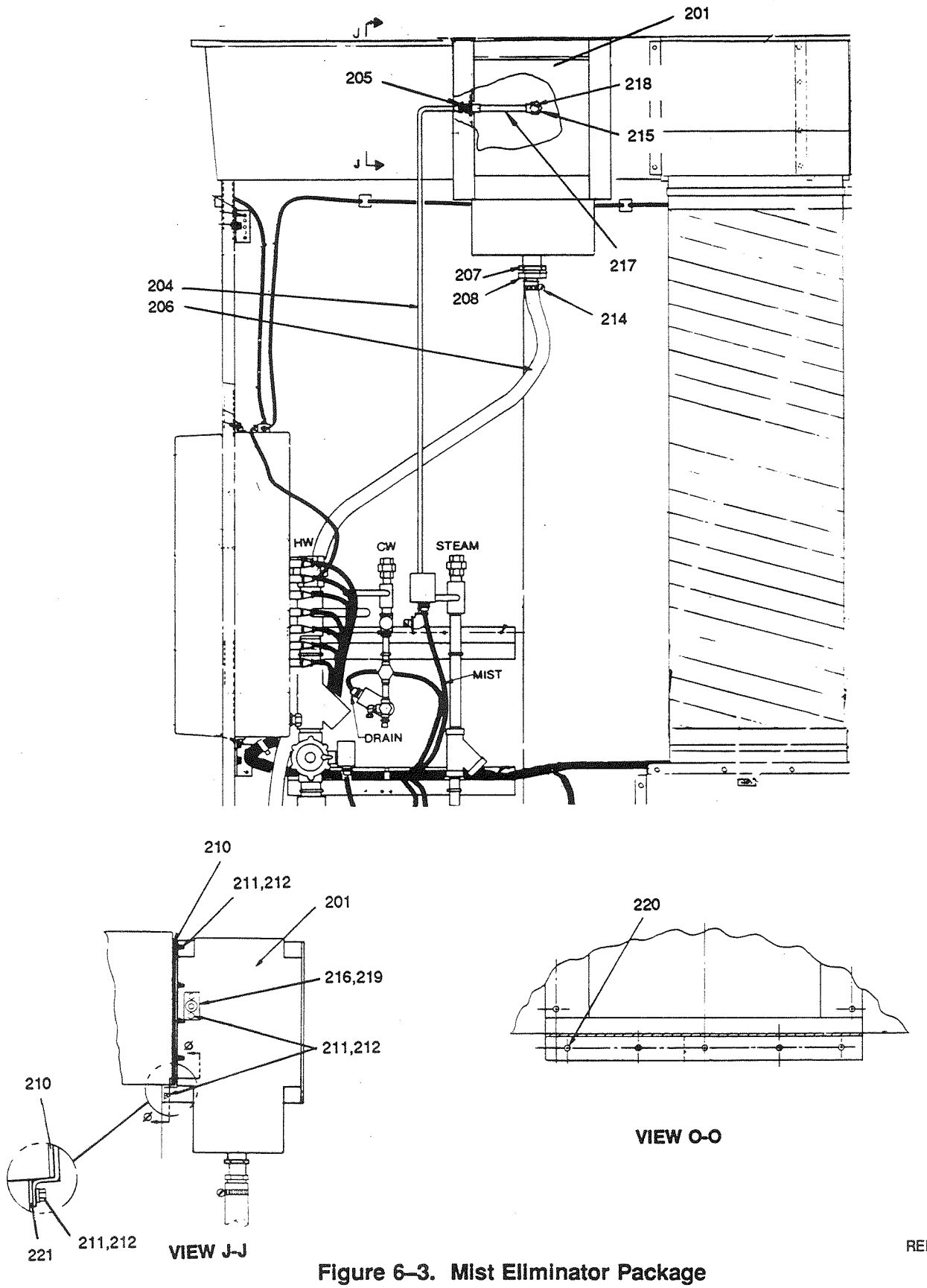
# External Piping Package – 78546
## Refer to Figure 6–2

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 33698 | Union, Female, 1-1/2 FPT x 1-1/2 FPT |
| 2 | 54695 | Nipple, 1-1/2 MPT x 2 long |
| 3 | 78352 | Valve, Ball, 1-1/2 FPT |
| 4 | 78545 | Bracket, External Piping Support |
| 5 | 41046 | Nipple, 1-1/2 MPT x 3-3/4 long |
| 6 | 513413 | U-Bolt, 1/4-20 x 2 |
| 7 | 50984 | Strainer, 1-1/2 FPT |
| 8 | 78353 | Valve, Solenoid, 1-1/2 FPT |
| | 56160 | • Replacement Coil |
| | 78389 | • Service Package |
| 9 | 48352 | Nipple, 1-1/2 MPT x 5-1/2 long |
| 10 | 78509 | Nipple, 1-1/2 MPT x 19-3/4 long |
| 11 | 78507 | Coupling, Reducer, 2-1/2 FPT x 1-1/2 FPT |
| 12 | 78508 | Valve, Flow Control, 2-1/2 FPT (40 GPM) |
| 13 | 12289 | Union, Female, 3/4 FPT x 3/4 FPT |
| 14 | 12432 | Nipple, 3/4 MPT x 1-1/4 long |
| 15 | 59804 | Valve, Ball, 3/4 FPT |
| 16 | 70366 | Clamp, 1-1/16 dia Pipe |
| 18 | 28926 | Nipple, 3/4 MPT x 9-1/2 long |
| 19 | E4683 | Washer, 1/4 External Tooth Lock |
| 20 | 50952 | Strainer, 1 FPT |
| 21 | 12443 | Nipple, 3/4 MPT x 4 long |
| 22 | 12210 | Bushing, Hex, 1 MPT x 3/4 FPT |
| 23 | 87685 | Valve, Solenoid, 1 FPT, NC |
| | 87279 | • Replacement Coil |
| | 87282 | • Service Package |
| 24 | 12300 | Plug, Solid, 3/4 MPT |
| 25 | 27088 | Union, Half, 3/4 MPT x 3/4 OD Tubing |
| 26 | 12286 | Union, Female, 1/2 FPT x 1/2 FPT |
| 27 | 12420 | Nipple, 1/2 MPT x 1-1/4 long |
| 28 | 58945 | Valve, Ball, 1/2 FPT |
| 29 | 12315 | Tee, Female, 1/2 FPT x 1/2 FPT x 1/2 FPT |
| 30 | 61246 | Strainer, 1/4 FPT |
| 31 | 32517 | Valve, Solenoid, 3/8 FPT |
| 32 | 78351 | Cover, Solenoid Valve |
| 33 | E4949 | Screw, 1/4-20 x 3/8 Hex Head |
| 34 | 12405 | Nipple, 3/8 MPT x 2 long |
| 35 | 12239 | Elbow, Female, 3/8 FPT x 1/2 FPT |

# External Piping Package – Refer to Figure 6–2

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 36 | 12424 | Nipple, 1/2 MPT x 2-1/2 long |
| 37 | 12204 | Bushing, Hex, 1/2 MPT x 1/4 FPT |
| 38 | 12389 | Nipple, 1/4 MPT x 3 long |
| 39 | 43879 | Clamp, 5/8 dia Pipe |
| 40 | 53008 | Valve, Solenoid, 3 Way, 1/4 FPT |
| | 54184 | • Replacement Coil |
| | 54188 | • Service Package |
| 41 | 27112 | Connector, Male, 1/4 MPT x 1/4 OD Tubing |
| 42 | 46317 | Elbow, Compression, 1/4 MPT x 1/4 OD Tubing |
| 43 | 78412 | Cord Assembly, Control Box to 1SOL |
| 44 | 78415 | Cord Assembly, Control Box to 2SOL |
| 45 | 78418 | Cord Assembly, Control Box to 3SOL |
| 46 | 78419 | Cord Assembly, Control Box to 4SOL |
| 47 | B0105 | Nut, Wire (Two #18 min – Two #16 max) |
| 48 | 78451 | Line Assembly, Steam Supply |
| 49 | E0215 | Screw, 1/4-20 x 3/4 Hex Head |
| 50 | 30049 | Tag, Connect to Cold Water |
| 51 | 30050 | Tag, Connect to Steam Supply |
| 52 | 30052 | Tag, Connect to Hot Water |
| 53 | E4699 | Screw, #10-32 x 3/4 Hex Head |
| 54 | E6481 | Washer, #10 Flat |
| 55 | E7033 | Nut, #10-32 Hex |
| 56 | E6478 | Washer, 1/4 Flat |

## NOTES

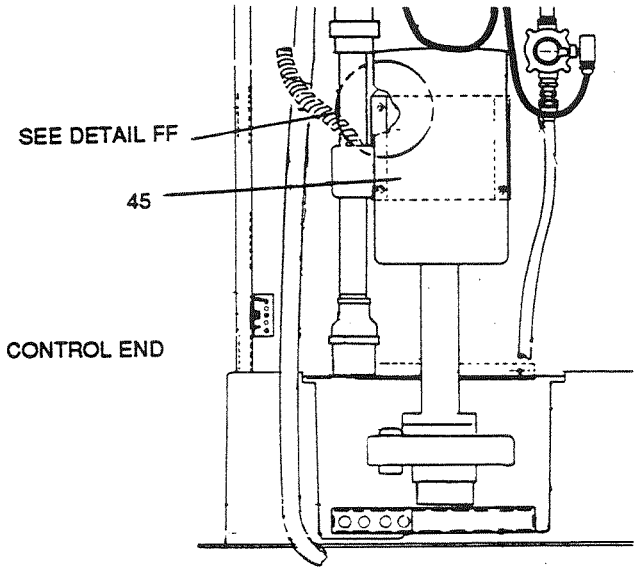


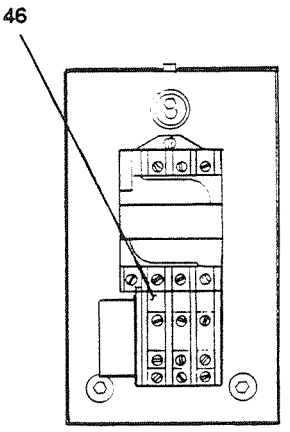

REF. 517240A

Figure 6–3. Mist Eliminator Package

# Mist Eliminator Package – 78497
## Refer to Figure 6–3

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 201 | 530742 | Mist Eliminator |
| 204 | 78655 | Line Assembly, Mist Eliminator |
| 205 | 22785 | Union, Half, 1/4 MPT x 3/8 OD Tubing |
| 206 | R7039 | Tubing, 1 OD x 3/4 ID Clear Plastic (specify length) |
| 207 | 23787 | Bushing, Hex, 1 MPT x 1/2 FPT |
| 208 | 523259 | Connector, Barb, 1/2 MPT x 23/32 ID Tubing |
| 210 | 530749 | Gasket, Mist Eliminator |
| 211 | E7213 | Screw, #10-32 x 1/2 Hex Head |
| 212 | E7034 | Washer, #10 Helical Spring Lock |
| 214 | 45049 | Clamp, 9/16 to 1-1/16 dia Hose |
| 215 | 78496 | Nozzle, Wide Spray (1/4 FPT) |
| 216 | 78643 | Cover, Mist Eliminator |
| 217 | 12392 | Nipple, 1/4 MPT x 4-1/2 long |
| 218 | 47464 | Elbow, Female, 1/4 FPT x 1/4 FPT |
| 219 | 530743 | Gasket, Mist Eliminator Cover |
| 220 | E5404 | Rivnut, #10-32 |
| 221 | R7160 | Strip, 1/8 x 1 x 36 long Rubber |




**OVERLOAD HEATERS**
(Located in Control Box)

REF. 517240A

## Pump & Overload Heaters – Refer to Figure 6–4

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 45 | 78608 | Pump, Motor (200/208/220/240/460/480V, 60 Hz) |
| | 78609 | Pump, Motor (200/208/380V, 50 Hz) |
| | 78660 | Pump, Motor (220/240/400/415/440V, 50 Hz) |
| 46 | 37963 | Heater, Overload (200/208V, 60 Hz) |
| | 37963 | Heater, Overload (200/208/220/240V, 50 Hz) |
| | 37971 | Heater, Overload (220/240V, 60 Hz) |
| | 37972 | Heater, Overload (460/480V, 60 Hz) |
| | 37961 | Heater, Overload (380V, 50 Hz) |
| | 49682 | Heater, Overload (400/415V, 50 Hz) |
| | 49685 | Heater, Overload (440V, 50 Hz) |
| — | 530747 | Filter, Sump |

# Mixing Valve – Figure 6–5 [Not Illustrated]

78431 Mixer, Steam & Water, 1-1/2 FPT

## NOTES

# SECTION 7. BODY & FRAME COMPONENTS


| Figure | | Page |
|---|---|---|
| 7–1 | Body & Frame Components | 7–2 |
| 7–2a | Fan Duct Package (60 Hz Units) | 7–8 |
| 7–2b | Fan Duct Package (50 Hz Units) | 7–12 |
| 7–3a | Fan & Fan Heaters (60 Hz Units) | 7–14 |
| 7–3b | Fan & Fan Heaters (50 Hz Units) | 7–15 |
| 7–4a | Fan Junction Box (200V, 60 Hz Units) | 7–16 |
| 7–4b | Fan Junction Box (208-480V, 60 Hz Units) | 7–18 |

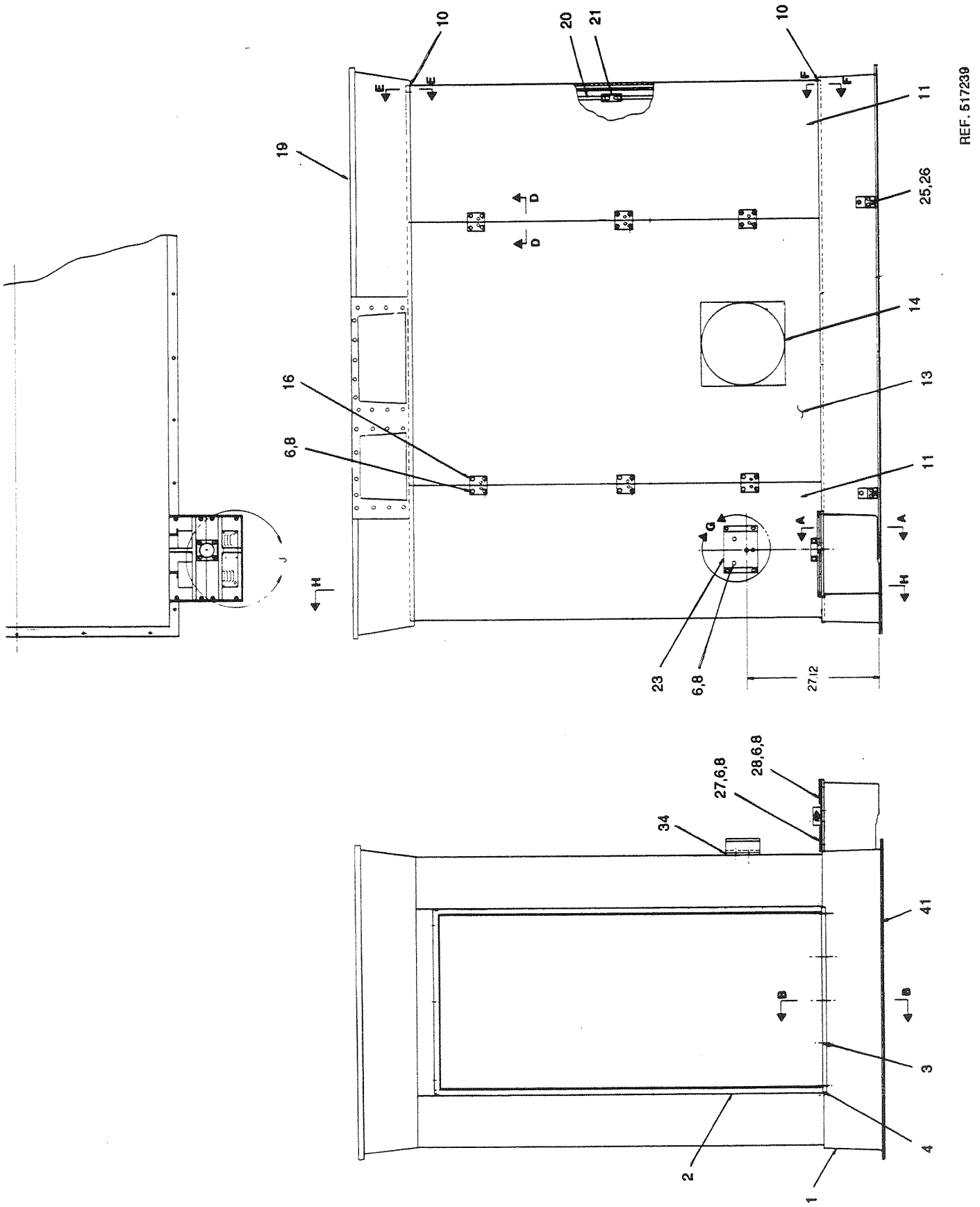



Figure 7–1. Body & Frame Components

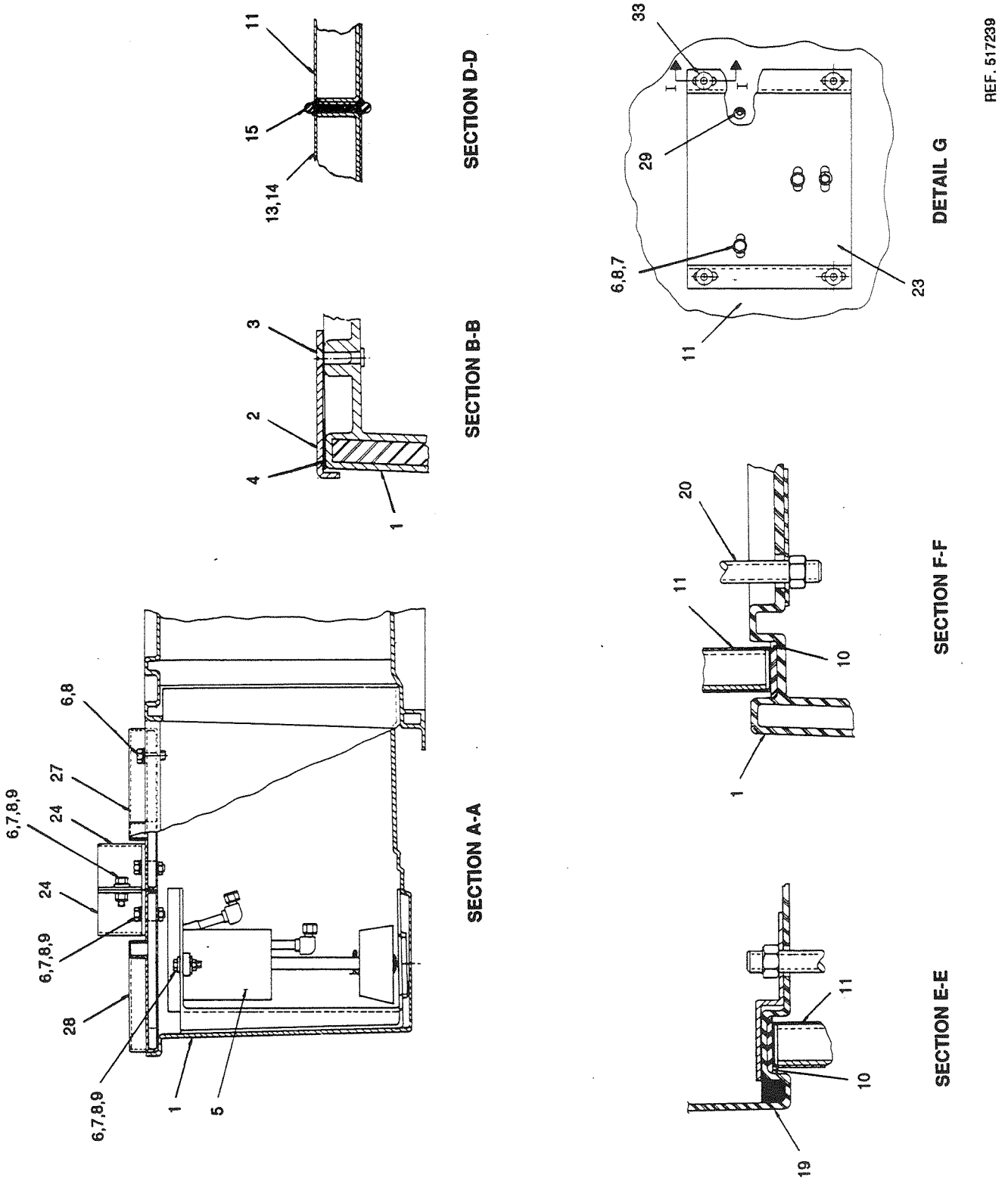



Figure 7–1. Body & Frame Components

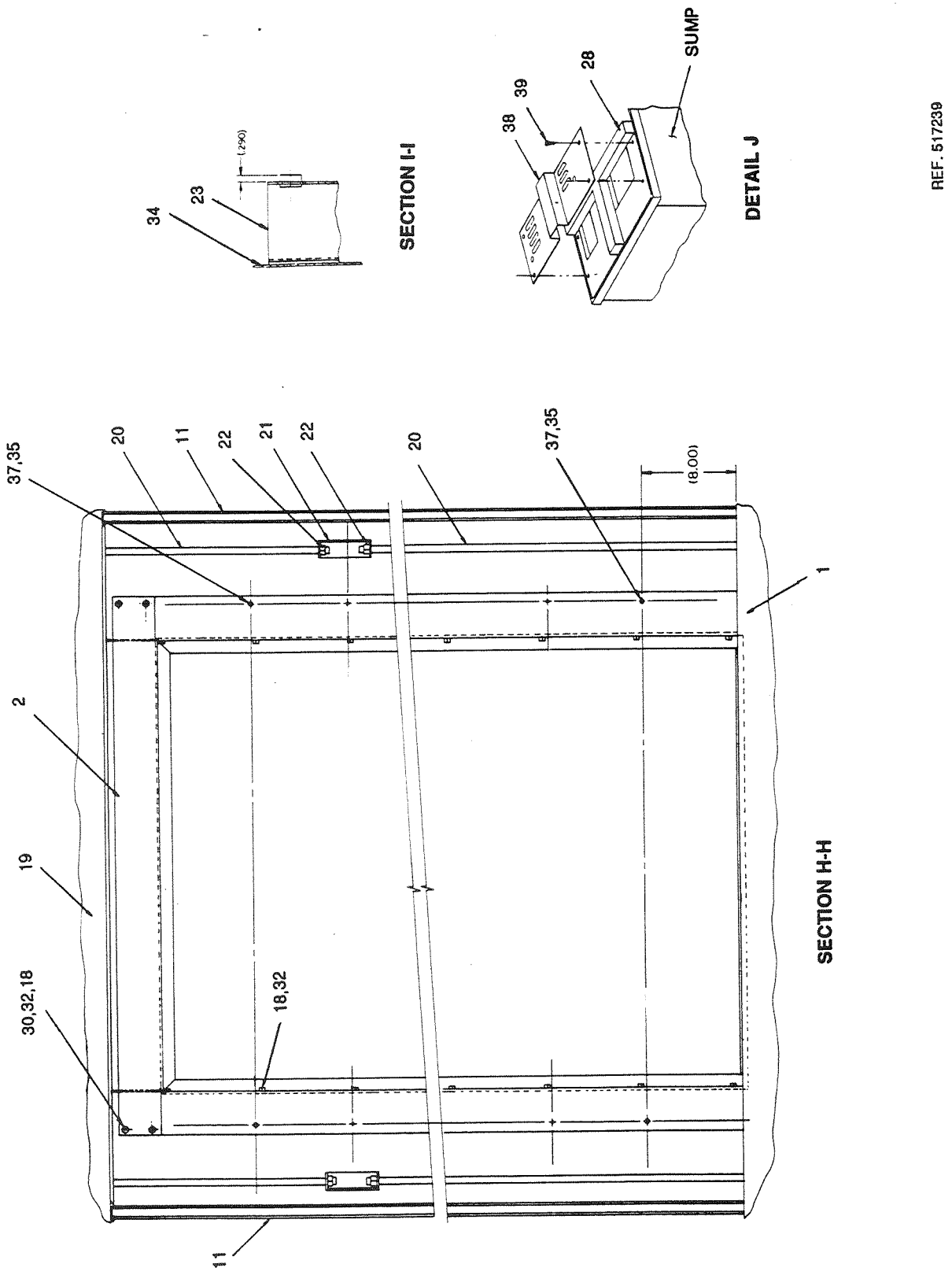



Figure 7–1. Body & Frame Components

# Body & Frame Components – Refer to Figure 7–1

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 78464 | Base, 80" Units |
| | 78463 | Base, 102" Units |
| 2 | 530628 | Frame, Door |
| 3 | E6967 | Screw, 1/4-20 x 1-1/2 Phillips Flat Head |
| 4 | R7160 | Strip, 1/8 x 1 x 36 long Rubber |
| 5 | 78499 | Cylinder Assembly, Sump Drain |
| – | E7104 | • Pin, Cotter, 1/8 dia x 1 long |
| – | E7098 | • Washer, 1/2 Flat |
| – | 72084 | • Plug, Rubber Stop |
| – | E6478 | • Washer, 1/4 Flat |
| – | E4671 | • Washer, 1/4 Helical Spring Lock |
| – | E6924 | • Screw, #10-32 x 1/2 Phillips Pan Head |
| 6 | E5536 | Screw, 1/4-20 x 1 Hex Head |
| 7 | E6478 | Washer, 1/4 Flat |
| 8 | E4671 | Washer, 1/4 Helical Spring Lock |
| 9 | E7126 | Nut, 1/4-20 Hex |
| 10 | R3655 | Strip, 3/8 x 1-1/4 Foam (specify length) |
| 11 | 530621 | Panel, Corner |
| 13 | 78454 | Panel, Exposed Side (80" Units) |
| | 78453 | Panel, Exposed Side (102" Units) |
| 14 | 517217 | Panel, Service Side (80" 60 Hz Units) |
| | 78448 | Panel, Service Side (80" 50 Hz Units) |
| | 517218 | Panel, Service Side (102" 60 Hz Units) |
| | 78447 | Panel, Service Side (102" 50 Hz Units) |
| 15 | R3467 | Gasket, 3/8 x 1-1/2 Vertical (specify length) |
| 16 | 7847 | Fastener, Dual Lock |
| 18 | E4699 | Screw, #10-32 x 3/4 Hex Head |
| 19 | 530740 | Cap, 80" Units |
| | 530739 | Cap, 102" Units |
| 20 | 78335 | Rod, Tie (1/2-13 x 41-3/4 long) |
| 21 | 78338 | Clamp, Tie Rod Adjusting |
| 22 | E7091 | Nut, 1/2-13 Hex |
| 23 | 78488 | Bracket, Pump Mounting |
| 24 | 78360 | Clamp, Sump Pump & Cover |
| 25 | 78512 | Plate, Base Lifting |
| 26 | E6698 | Screw, 1/4-20 x 2 Hex Head |
| 27 | 78514 | Cover, Sump Rear |
| 28 | 78515 | Cover, Sump Front |
| 29 | 44423 | Nutsert, 1/4-20 |

## Body & Frame Components – Refer to Figure 7–1

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 30 | 16465 | Washer, 13/64 ID x 3/8 OD x 1/32 thick Flat |
| 32 | E7034 | Washer, #10 Helical Spring Lock |
| 33 | 514263 | Grommet, 5/16 ID x 3/4 OD for 1/2 dia Hole |
| 34 | 514271 | Deadener, Pump Mounting Bracket |
| 35 | 530615 | Washer, 1/4 ID Sealing |
| 37 | E0108 | Screw, 1/4-20 x 5/8 Hex Head |
| 38 | 530659 | Plate, Sump Vent |
| 39 | E7013 | Screw, #8-32 x 3/8 Self-Tapping Slotted Pan Head |
| 40 | 517165 | Button, Plug for 3/8 dia Hole |
| 41 | R3656 | Strip, 3/8 x 2 Foam (specify length) |

## NOTES

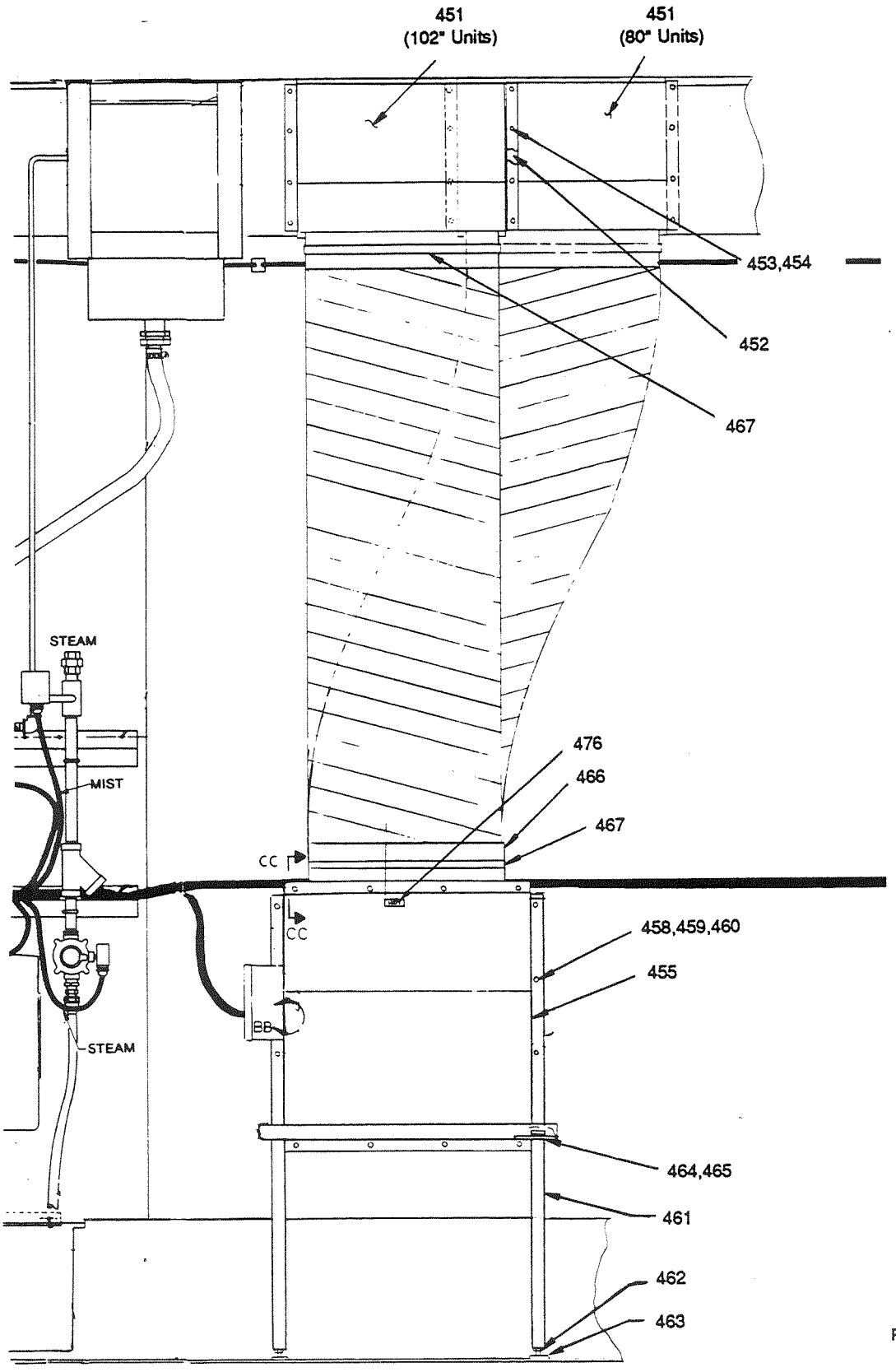
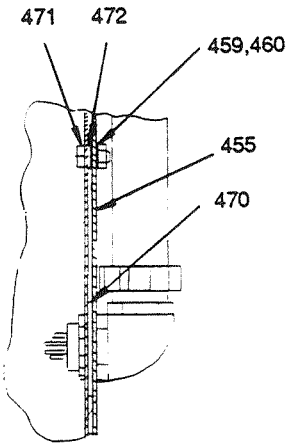



Figure 7–2a. Fan Duct Package (60 Hz Units)

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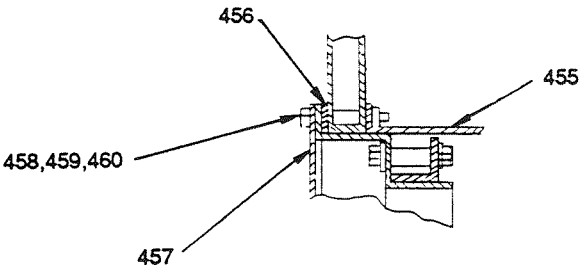



SECTION CC-CC

REF. 517240A

Figure 7–2a. Fan Duct Package (60 Hz Units)

# Fan Duct Package (60 Hz Units) – Refer to Figure 7–2a

517270 Fan Duct Package (Pit Mounted 60 Hz Units)
517271 Fan Duct Package (Pit Mounted 200V, 60 Hz Units)
517219 Fan Duct Package (Floor Mounted 60 Hz Units)
517291 Fan Duct Package (Floor Mounted 200V, 60 Hz Units)

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 451 | 517176 | Housing, Upper Air Duct |
| 452 | R7160 | Strip, 1/8 x 1 x 36 long Rubber |
| 453 | E4699 | Screw, #10-32 x 3/4 Hex Head |
| 454 | E7034 | Washer, #10 Helical Spring Lock |
| 455 | 517208 | Housing, Fan |
| 456 | 517209 | Gasket, Fan |
| 457 | 517210 | Grill, Fan |
| 458 | E6698 | Screw, 1/4-20 x 2 Hex Head |
| 459 | E4671 | Washer, 1/4 Helical Spring Lock |
| 460 | E2239 | Nut, 1/4-20 Hex |
| 461 | 517268 | Support, Fan (Pit Mounted Units) |
| | 517182 | Support, Fan (Floor Mounted Units) |
| 462 | E4668 | Nut, 3/8-16 Hex |
| 463 | 512532 | Glide, Adjustable Leveling |
| 464 | E5137 | Screw, 3/8-16 x 3/4 Hex Head |
| 465 | E5245 | Washer, 3/8 Helical Spring Lock |
| 466 | 517178 | Duct, Flexible (60" long) |
| 467 | 517181 | Clamp, 16 dia Bridge |
| 470 | E6989 | Washer, 1-1/16 ID x 2 OD x 1/16 Flat |
| 471 | E6810 | Screw, 1/4-20 x 1/2 Hex Head |
| 472 | E2177 | Washer, 1/4 Flat |
| 473 | E7213 | Screw, #10-32 x 1/2 Hex Head |
| 474 | E7033 | Nut, #10-32 Hex |
| 475 | 16465 | Washer, 13/64 ID x 3/8 OD x 1/32 thick Flat |
| 476 | 350153 | Decal, Hot |

## NOTES

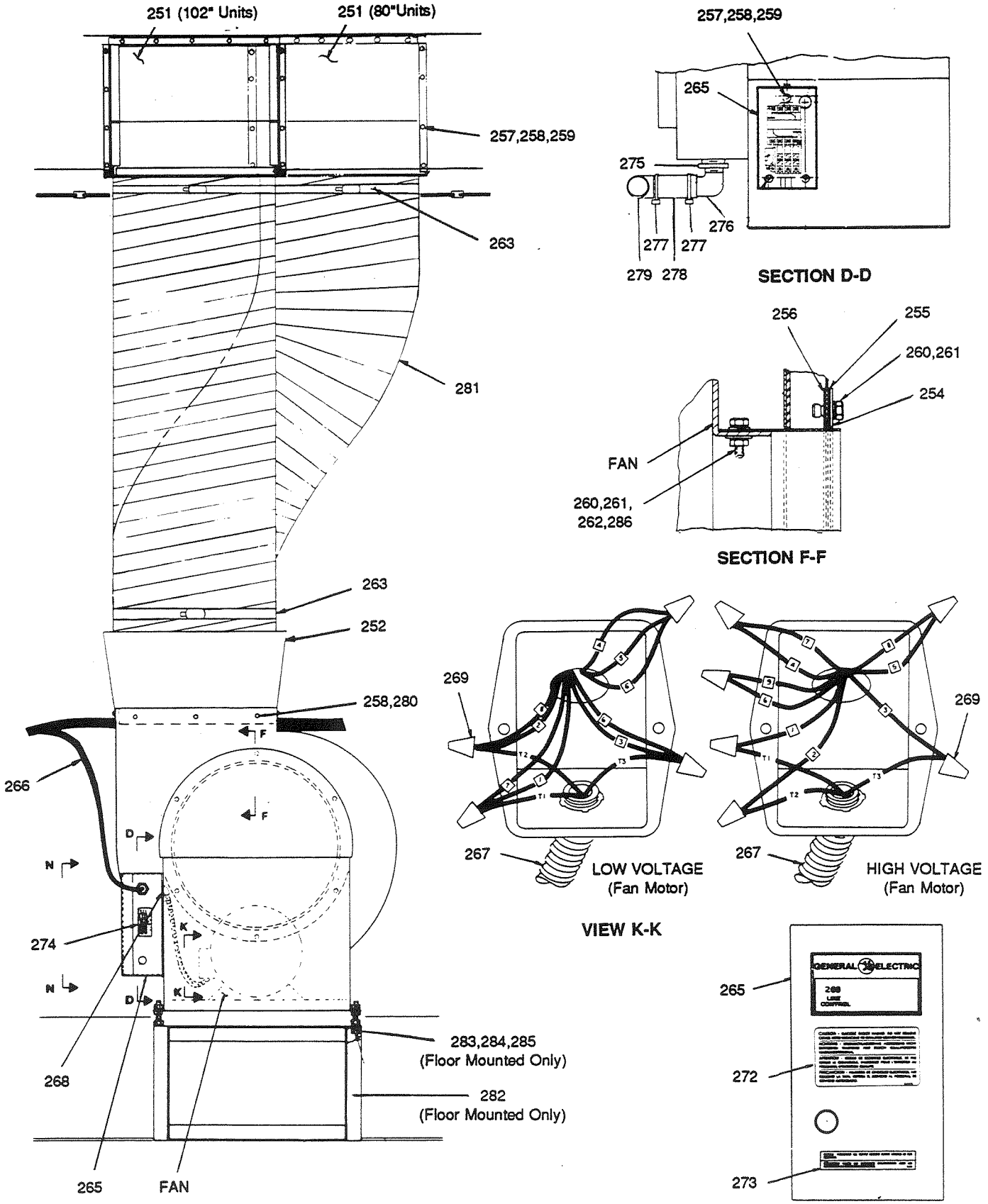


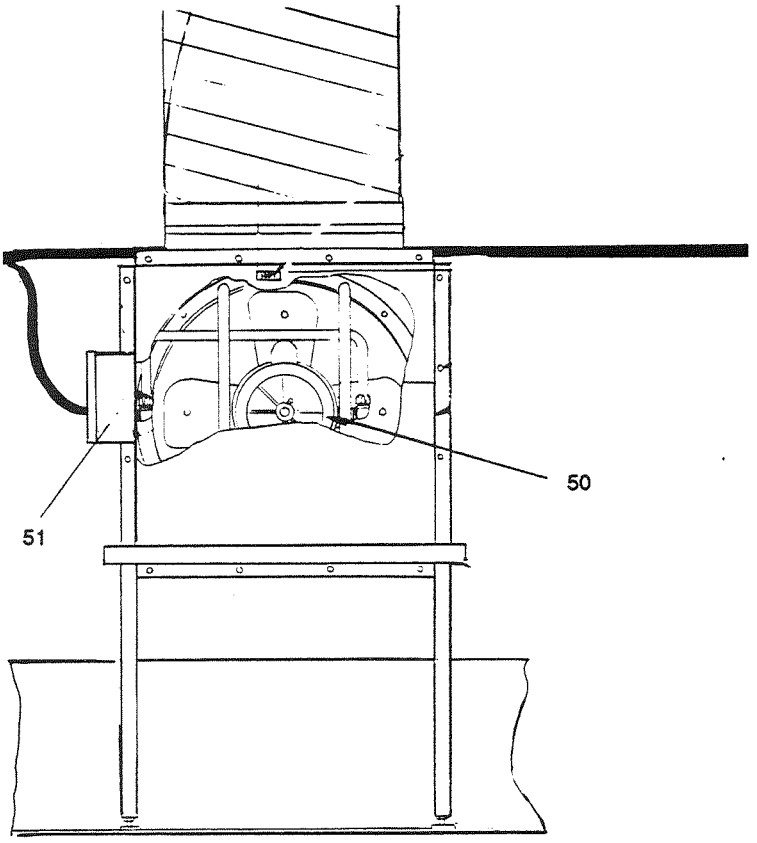

Figure 7–2b. Fan Duct Package (50 Hz Units)

REF. 517240A

# Fan Duct Package (50 Hz Units) – Refer to Figure 7–2b

517269 Fan Duct Package (Pit Mounted 50 Hz Units)
517241 Fan Duct Package (Floor Mounted 50 Hz Units)

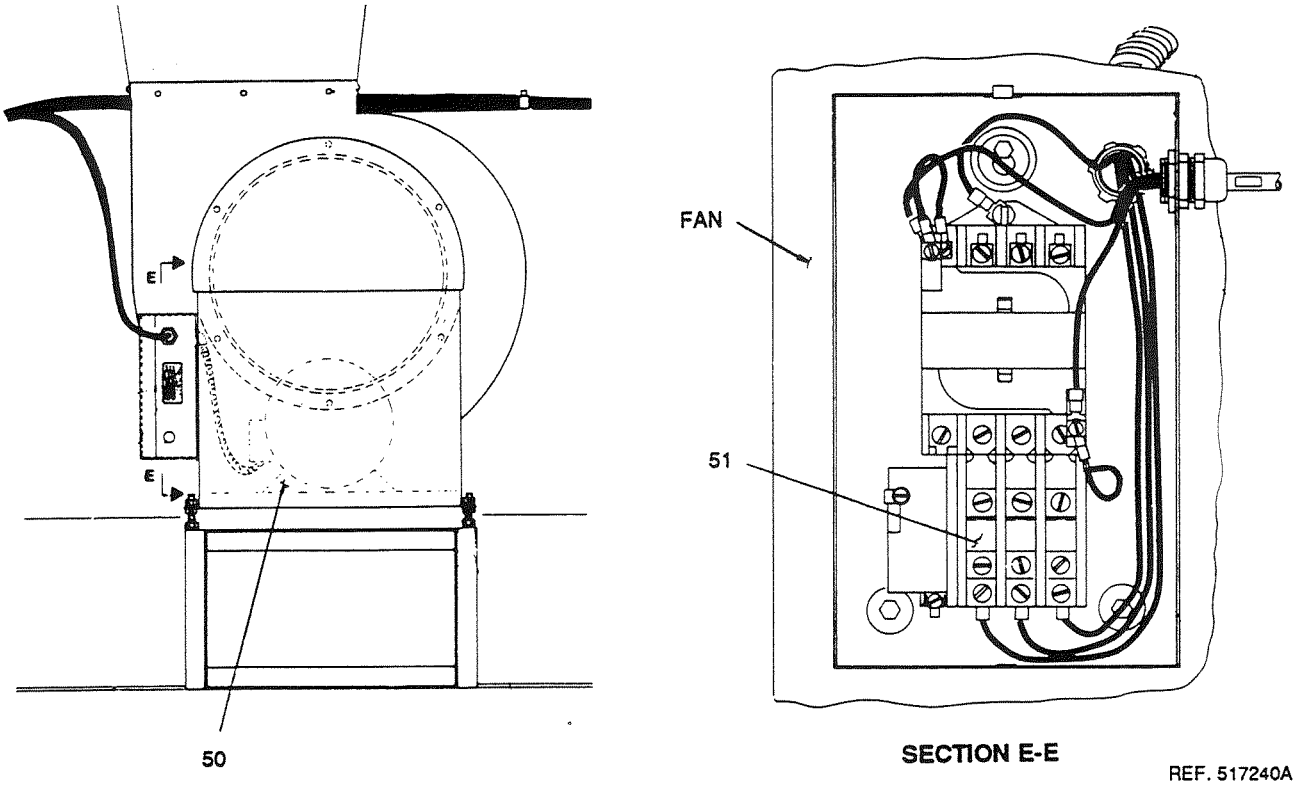
| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 251 | 517176 | Housing, Upper Air Duct |
| 252 | 517229 | Cover, Fan (50 Hz Units) |
| 254 | 78489 | Collar, Exhaust Fan (Inner) |
| 255 | 78423 | Gasket, Fan Collar |
| 256 | 78633 | Collar, Exhaust Fan (Outer) |
| 257 | E6924 | Screw, #10-32 x 1/2 Phillips Pan Head |
| 258 | E7101 | Washer, #10 Flat |
| 259 | E7033 | Nut, #10-32 Hex |
| 260 | E0215 | Screw, 1/4-20 x 3/4 Hex Head |
| 261 | E2177 | Washer, 1/4 Flat |
| 262 | E2239 | Nut, 1/4-20 Hex |
| 263 | 517181 | Clamp, 16" Bridge |
| 265 | 87856 | Relay, Motor Start |
| 266 | 78421 | Cord Assembly, Control End Box to Fan Relay |
| 267 | 78654 | Conduit Assembly, Fan Relay to Fan |
| 268 | E6790 | Washer, 13/16 ID x 1-3/8 OD x 7/64 thick Flat |
| 269 | 08172 | Nut, Wire (Two #14 min - Two #10 & One #12 max) |
| 270 | E7048 | Rivet, 1/8 dia x 1/4 long Domed Pop |
| 271 | 78617 | Panel, Air Duct |
| 272 | 64116 | Decal, Shock Hazard |
| 273 | 61453 | Label, Circuit Caution |
| 274 | — | Plate, Rating |
| 275 | 23787 | Bushing, Hex, 1 MPT x 1/2 FPT |
| 276 | 64744 | Elbow, 1/2 MPT x 3/4 ID Tubing (Plastic) |
| 277 | 45049 | Clamp, 9/16 to 1-1/16 dia Hose |
| 278 | R7039 | Tubing, 1 OD x 3/4 ID Clear Plastic (specify length) |
| 279 | 78495 | Tee, Connector, 3/4 ID Tubing (Plastic) |
| 280 | E4821 | Screw, #10-32 x 1/2 Self-Tapping Phillips Pan Head |
| 281 | 517178 | Duct, Flexible (60" long) |
| 282 | 78461 | Stand, Fan Support |
| 283 | E6539 | Screw, 1/2-13 x 3 Hex Head |
| 284 | E2240 | Washer, 1/2 Helical Spring Lock |
| 285 | E7091 | Nut, 1/2-13 Hex |




REF. 517240A

## Fan & Overload Heaters (60 Hz Units) – Refer to Figure 7–3a

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 50 | 517226 | Fan, Centrifugal (200/208/220/240/460/480V, 60 Hz) |
| 1 | 517189 | • Cover, Fan |
| 2 | 517185 | • Frame, Fan |
| 3 | 517188 | • Standoff, 1/4-20 Internal Thread x 1-1/4 long |
| 4 | 517184 | • Blade, 16" Fan |
| 5 | 517227 | • Motor, Fan |
| 6 | E6197 | • Screw, 1/4-20 x 3/8 Hex Head |
| 7 | E4671 | • Washer, 1/4 Helical Spring Lock |
| 8 | E5115 | • Screw, 5/16-18 x 3/4 Hex Head |
| 9 | E7115 | • Washer, 5/16 Flat |
| 10 | E6057 | • Washer, 5/16 Helical Spring Lock |
| 11 | E6058 | • Nut, 5/16 Hex |
| 12 | 517228 | • Conduit Assembly, Fan |
| 13 | 08172 | • Nut, Wire (Two #14 min – Two #10 & One #12 max) |
| 14 | E6645 | • Screw, #10-32 x 3/8 Hex Head Ground |
| 15 | 61419 | • Washer, #10 Terminal Cup |
| 51 | 37972 | Heater, Overload (200/208V, 60 Hz) |
| | 49681 | Heater, Overload (220/240V, 60 Hz) |
| | 37966 | Heater, Overload (460/480V, 60 Hz) |




## Fan & Overload Heaters (50 Hz Units) – Refer to Figure 7–3b

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 50 | 78603 | Fan, Centrifugal (200/208V, 50 Hz) |
| | 78604 | Fan, Centrifugal (220/240V, 50 Hz) |
| | 78605 | Fan, Centrifugal (380/400V, 50 Hz) |
| | 78606 | Fan, Centrifugal (415V, 50 Hz) |
| | 78607 | Fan, Centrifugal (440V, 50 Hz) |
| 51 | 37972 | Heater, Overload (200/208/220/240V, 50 Hz) |
| | 49683 | Heater, Overload (380/400/415/440V, 50 Hz) |

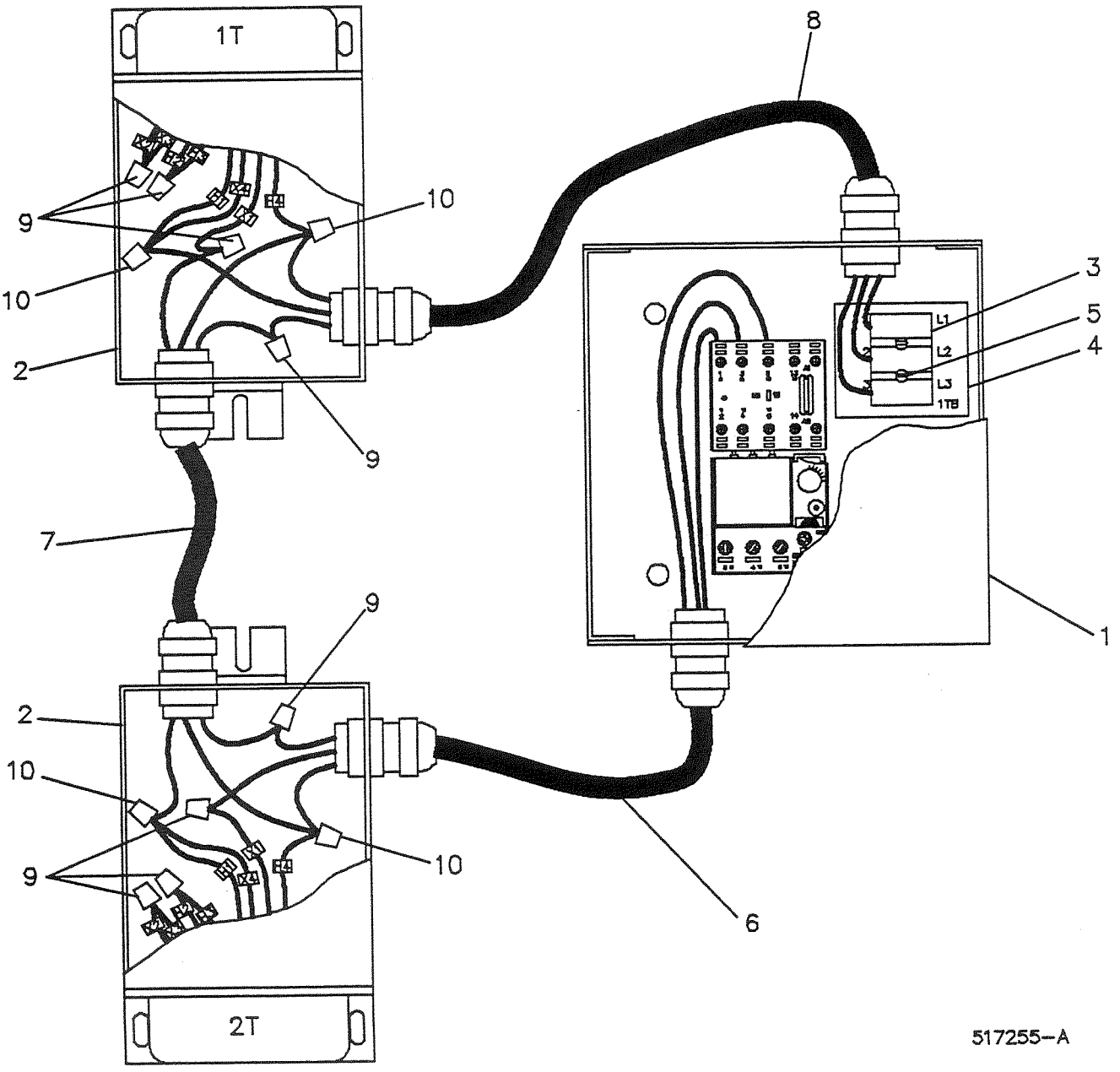



Figure 7–4a. Fan Junction Box (200V, 60 Hz Units)

# Fan Junction Box (200V, 60 Hz Units) – 517255
## Refer to Figure 7–4a

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 517236 | Box, Fan Junction |
| 2 | 517256 | Transformer, 200V |
| 3 | 86591 | Strip, Terminal (3 Connector) |
| 4 | 517257 | Insulation, Terminal Strip |
| 5 | E6900 | Screw, #4-40 x 3/4 Phillips Pan Head |
| 6 | 517261 | Cord Assembly, Junction Box to 2T |
| 7 | 517262 | Cord Assembly, 2T to 1T |
| 8 | 517263 | Cord Assembly, 1T to Junction Box |
| 9 | B0105 | Nut, Wire (Two #18 min – Two #16 max) |
| 10 | 86932 | Nut, Wire (with Set Screw) |

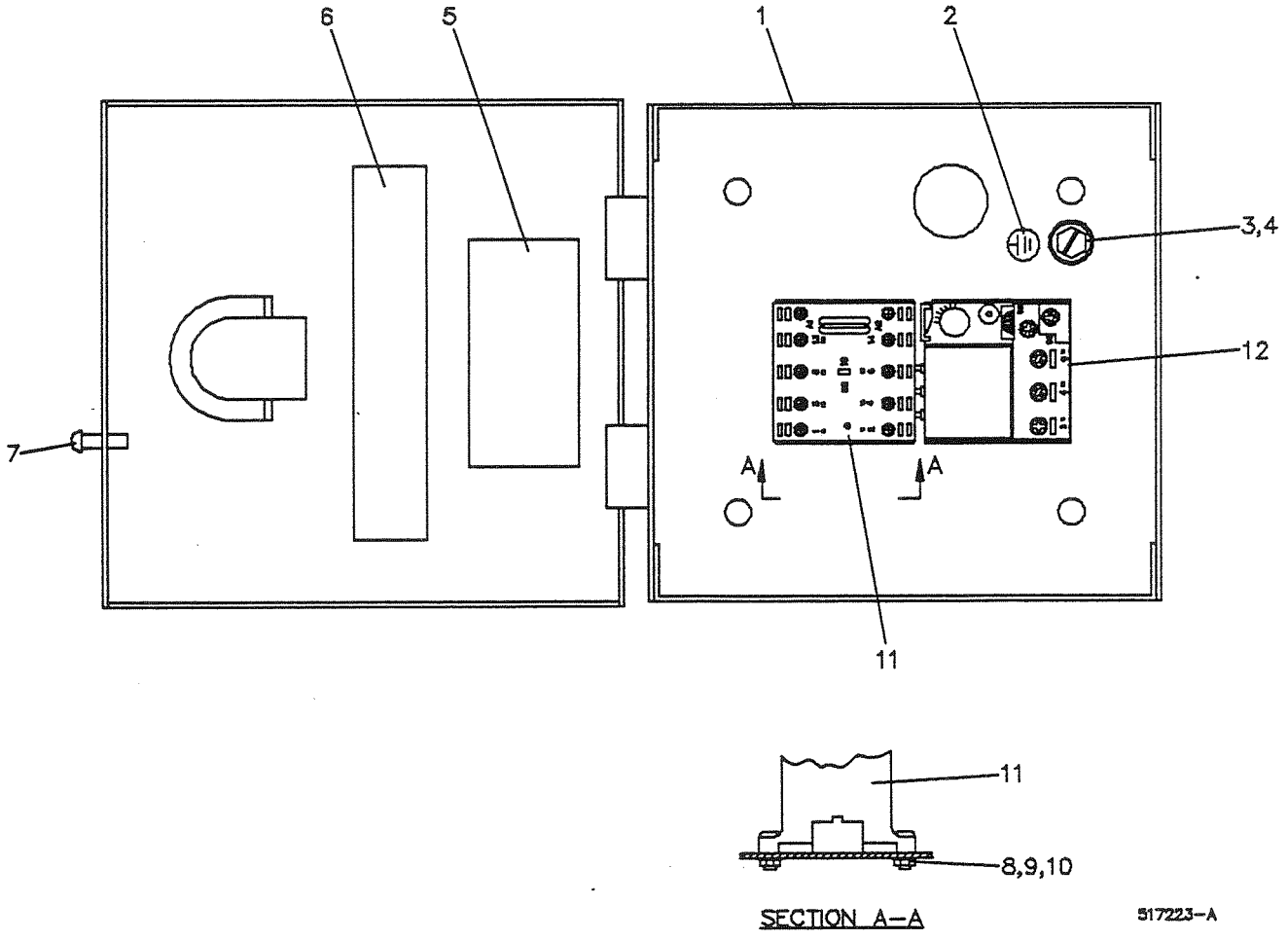



Figure 7–4b. Fan Junction Box (208 – 480V, 60 Hz Units)

# Fan Junction Box (208 – 480V, 60 Hz Units) – Refer to Figure 7–4b

517236 Fan Junction Box (208/220/240V, 60 Hz Units)
517235 Fan Junction Box (460/480V, 60 Hz Units)

| ITEM | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 517222 | Box, Fan Junction |
| 2 | 65723 | Label, Ground Identification (Protective Earth) |
| 3 | E6645 | Screw, #10-32 x 3/8 Hex Head Ground |
| 4 | 61419 | Washer, #10 Terminal Cup |
| 5 | – | Plate, Rating |
| 6 | 61453 | Label, Circuit Caution |
| 7 | E5027 | Screw, #8-32 x 3/8 Phillips Pan Head |
| 8 | E2043 | Washer, #8 Internal Tooth Lock |
| 9 | E7044 | Nut, #8-32 Hex |
| 10 | E5013 | Screw, #6-32 x 3/8 Phillips Pan Head |
| 11 | 513707 | Starter, Magnetic |
| 12 | 517233 | Relay, Overload (1.6 – 2.5 Amp) |
| | 517232 | Relay, Overload (1.0 – 1.6 Amp) |

## NOTES

# Section 8. Recommended Spare Parts List

It is recommended that the parts listed below be maintained in stock to ensure parts are immediately available when needed.

| QTY | PART NO. | DESCRIPTION |
|---|---|---|
| | | DOOR ASSEMBLY |
| 1 | 78392 | Gasket, Door |
| 2 | 78637 | Gasket, Door Bottom Wiper |
| | | ELECTRICAL PARTS |
| 1 | 78613 | Display P.C. Board |
| 1 | 08442 | Fuse, 5 Amp (Detergent Pump) |
| 1 | 78565 | Relay, Door Switch |
| 1 | 78310 | Relay, Motor Start (Pump) |
| 1 | 87856 | Relay, Motor Start (Fan) |
| 1 | 511410 | Switch, Door |
| 1 | 69782 | Switch, Pushbutton (1 – 10) |
| | | PLUMBING PARTS |
| 1 | 72084 | Plug, Rubber (Sump Drain) |
| 1 | 32517 | Valve, Solenoid |
| 1 | 54184 | Replacement Coil for Solenoid Valve 53008 |
| 1 | 54188 | Service Package for Solenoid Valve 53008 |
| 1 | 56160 | Replacement Coil for Solenoid Valve 78353 |
| 1 | 78389 | Service Package for Solenoid Valve 78353 |
| 1 | 87279 | Replacement Coil for Solenoid Valve 87685 |
| 1 | 87282 | Service Package for Solenoid Valve 87685 |

## NOTES